# MEDICARE HOSPITAL MORTALITY INFORMATION

87

California

Region IX

U.S. Department of Health and Human Services
Health Care Financing Administration

RA981
.A2
M43
1987
Region IX
[v.2]
c.1

# MEDICARE HOSPITAL MORTALITY INFORMATION

1987

CALIFORNIA

REGION IX

OTIS R. BOWEN, M.D.
SECRETARY
U.S. DEPARTMENT OF HEALTH AND HUMAN SERVICES

WILLIAM L. ROPER, M.D.
ADMINISTRATOR
HEALTH CARE FINANCING ADMINISTRATION

The Health Care Financing Administration (HCFA) was established on March 9, 1977, to combine health financing and quality assurance programs into a single agency. HCFA is responsible for the Medicare program, Federal participation in the Medicaid program, the Peer Review Organization program and a variety of other health care quality assurance programs.

The mission of the Health Care Financing Administration is to ensure the effective administration of our programs in order to promote the timely delivery of appropriate, quality health care to over 56 million of the nation's aged, disabled and poor. The agency must also ensure that beneficiaries are aware of the services for which they are eligible, that those services are accessible and of high quality, and that agency policies and actions promote efficiency and quality within the total health care delivery system.

# TABLE OF CONTENTS

**INTRODUCTION** . . . . . . . . . . . . i
**DESCRIPTION OF MORTALITY INFORMATION** . . . . . . . . . . . . v

## CALIFORNIA

AGNEWS STATE HOSP . . . . . . . . . . . . 1
ALAMEDA HOSP . . . . . . . . . . . . 2
ALEXIAN BROTHERS HOSP . . . . . . . . . . . . 3
ALHAMBRA COMM HOSP . . . . . . . . . . . . 5
ALTA BATES HOSP . . . . . . . . . . . . 6
ALTA BATES-HERRICK HOSPITAL . . . . . . . . . . . . 9
ALTA HOSP DISTRICT . . . . . . . . . . . . 12
ALVARADO COMM HOSP . . . . . . . . . . . . 13
AMADOR HOSP . . . . . . . . . . . . 15
AMERICAN RIVER HOSPITAL . . . . . . . . . . . . 16
AMI CLAIREMONT COMMUNITY HOSP . . . . . . . . . . . . 19
AMI GLENDORA COMMUNITY HOSP . . . . . . . . . . . . 20
AMI MEDICAL CENTER OF HOLLYWOOD . . . . . . . . . . . . 21
AMI MISSION BAY MEMORIAL HOSPITAL . . . . . . . . . . . . 24
AMI SIERRA VISTA REGIONAL MED CTR . . . . . . . . . . . . 25
AMI VALLEY MEDICAL CENTER . . . . . . . . . . . . 26
AMI/COMMUNITY HOSP OF SANTA CRUZ INC . . . . . . . . . . . . 28
ANAHEIM GENERAL HOSPITAL . . . . . . . . . . . . 30
ANAHEIM MEM HOSP . . . . . . . . . . . . 31
ANTELOPE VALLEY HOSP MEDICAL CENTER . . . . . . . . . . . . 34
ARROYO GRANDE COMM HOSP . . . . . . . . . . . . 38
AUBURN FAITH COMMUNITY HOSP . . . . . . . . . . . . 39
AVALON MUNICIPAL HOSP . . . . . . . . . . . . 41
AVENAL DISTRICT HOSPITAL . . . . . . . . . . . . 42
BAKERSFIELD COMMUNITY HOSP . . . . . . . . . . . . 43
BARSTOW COMMUNITY HOSP . . . . . . . . . . . . 44
BARTON MEMORIAL HOSP . . . . . . . . . . . . 45
BAY HARBOR HOSP . . . . . . . . . . . . 46
BEAR VALLEY COMM HOSP . . . . . . . . . . . . 47
BELLFLOWER DOCTORS HOSPITAL . . . . . . . . . . . . 48
BELLWOOD GEN HOSP . . . . . . . . . . . . 49
BEVERLY HILLS MED CTR . . . . . . . . . . . . 50
BEVERLY HOSPITAL . . . . . . . . . . . . 51
BIGGS-GRIDLEY MEM HOSP . . . . . . . . . . . . 53
BLOSS MEMORIAL HOSPITAL . . . . . . . . . . . . 54
BREA COMMUNITY HOSP . . . . . . . . . . . . 55
BROOKSIDE HOSP . . . . . . . . . . . . 59
BROTMAN MEDICAL CENTER . . . . . . . . . . . . 62
BUENA PARK COMMUNITY HOSPITAL . . . . . . . . . . . . 65
BUENA PARK DOCTORS HOSPITAL . . . . . . . . . . . . 66
BURBANK COMM HOSP . . . . . . . . . . . . 67
CALEXICO HOSPITAL . . . . . . . . . . . . 68
CALIFORNIA HOSPITAL MEDICAL CTR . . . . . . . . . . . . 69
CAMARILLO STATE HOSP . . . . . . . . . . . . 72

CANOGA PARK HOSPITAL 73
CEDARS-SINAI MEDICAL CENTER 75
CENTINELA HOSPITAL MEDICAL CENTER 78
CENTINELA MAMMOTH HOSPITAL 79
CENTURY CITY HOSPITAL 80
CHANNEL ISLANDS COMMUNITY HOSPITAL 82
CHAPMAN GENERAL HOSP INC 84
CHARTER COMM HOSP 85
CHARTER SUBURBAN HOSP 86
CHICO COMM MEM HOSP 88
CHILDRENS HOSPITAL OF SAN FRANCISCO 89
CHINESE HOSP 91
CHINO COMMUNITY HOSPITAL 92
CHOWCHILLA DISTRICT MEM HOSP 93
CHRISTIAN HOSP MED CTR 94
CHURCH OF ST MATTHEWS MILLS MEM HOSP 95
CIRCLE CITY HOSPITAL 97
CITY OF HOPE NATIONAL MED CTR 99
CLOVIS COMMUNITY HOSP 100
COALINGA DISTRICT HOSPITAL 101
COAST PLAZA MEDICAL CTR 102
COASTAL COMMUNITIES HOSP 103
COMM HOSP OF THE MONTEREY PENINSULA 105
COMM MEM HOSP OF SAN BUENAVENTURA 107
COMMUITY HOSPITAL OF SACRAMENTO 108
COMMUNITY HOSP LOS GATOS SARATOGA 109
COMMUNITY HOSP OF CHULA VISTA 110
COMMUNITY HOSP OF HUNTINGTON PARK 111
COMMUNITY HOSP OF SAN GABRIEL 112
COMMUNITY HOSPITAL 113
COMMUNITY HOSPITAL OF GARDENA 117
COMMUNITY HOSPITAL OF SALINAS 119
CORCORAN DISTRICT HOSP 120
CORNING MEM HOSP 121
CORONA COMMUNITY HOSP 122
CORONADO HOSP 123
COSTA MESA MED CTR HOSP 124
COVINA VALLEY COMMUNITY HOSPITAL 125
CRENSHAW CENTER HOSPITAL 126
DAMERON HOSP 127
DANIEL FREEMAN MARINA HOSPITAL 130
DANIEL FREEMAN MEMORIAL HOSPITAL 131
DEL PUERTO HOSPITAL 133
DELAND REGIONAL MEDICAL CTR 134
DELTA MEMORIAL HOSP 135
DESERT HOSPITAL CORP 138

DOCTOR'S MEDICAL CENTER . . . . . 141
DOCTORS HOSP OF MONTCLAIR . . . . . 143
DOCTORS HOSPITAL OF LAKEWOOD . . . . . 145
DOCTORS HOSPITAL OF LODI . . . . . 148
DOCTORS HOSPITAL OF MANTECA . . . . . 149
DOCTORS HOSPITAL OF PINOLE . . . . . 150
DOCTORS HOSPITAL OF SANTA ANA . . . . . 153
DOMINGUEZ MEDICAL CTR . . . . . 154
DOMINICAN SANTA CRUZ HOSP . . . . . 155
DONALD N SHARP MEM COMM HOSP . . . . . 156
DOS PALOS MEM HOSPITAL . . . . . 157
DOWNEY COMMUNITY HOSPITAL . . . . . 158
EAST BAY HOSP . . . . . 160
EAST LOS ANGELES DOCTORS HOSPITAL . . . . . 161
EASTERN PLUMAS DISTRICT HOSP . . . . . 162
EDEN HOSPITAL . . . . . 164
EISENHOWER MEMORIAL HOSPITAL . . . . . 165
EL CAMINO HOSP . . . . . 167
EL CENTRO REGIONAL MED CTR . . . . . 170
EMANUEL MEDICAL CENTER INC . . . . . 171
ENCINO HOSP . . . . . 172
ESKATON COLUSA HEALTHCARE CENTER . . . . . 173
ESTELLE DOHENY EYE HOSPITAL . . . . . 174
FAIRMONT HOSPITAL . . . . . 175
FALLBROOK HOSP . . . . . 176
FEATHER RIVER HOSP . . . . . 177
FHP-FOUNTAIN VALLEY . . . . . 178
FOOTHILL PRESBYTERIAN HOSP . . . . . 179
FOUNTAIN VALLEY COMM HOSP . . . . . 180
FOWLER MUNICIPAL HOSP . . . . . 182
FRANK R HOWARD MEM HOSP . . . . . 183
FREMONT MEDICAL CENTER . . . . . 184
FRENCH HOSP . . . . . 186
FRENCH HOSP . . . . . 187
FRENCH HOSP . . . . . 188
FRESNO COMM HOSP . . . . . 189
GARFIELD MEDICAL CENTER . . . . . 190
GENERAL HOSP . . . . . 191
GEORGE L MEE MEM HOSP . . . . . 192
GLENDALE ADVENTIST MED CTR . . . . . 193
GLENDALE MEMORIAL HOSP AND HEALTH CT . . . . . 196
GLENN GENERAL HOSPITAL . . . . . 198
GOLETA VALLEY COMM HOSP . . . . . 199
GOOD SAMARITAN HOSPITAL OF SANTA CLA . . . . . 200
GRANADA HILLS COMM HOSP . . . . . 202
GREATER BAKERSFIELD MEM HOSP . . . . . 203

GREATER EL MONTE COMM HOSP . . . . . . . . . . 204
GROSSMONT DISTRICT HOSPITAL . . . . . . . . . . 205
HANFORD COMM HOSP . . . . . . . . . . 208
HARBOR VIEW MEDICAL CTR . . . . . . . . . . 211
HAROLD D CHOPE COMM HOSP . . . . . . . . . . 214
HAWTHORNE HOSPITAL . . . . . . . . . . 216
HAYWARD VESPER HOSPITAL . . . . . . . . . . 217
HAZEL HAWKINS MEMORIAL HOSP . . . . . . . . . . 218
HEALDSBURG GEN HOSP . . . . . . . . . . 219
HEMET VALLEY HOSPITAL . . . . . . . . . . 221
HENRY MAYO NEWHALL MEMORIAL HOSP . . . . . . . . . . 222
HI-DESERT MEDICAL CENTER . . . . . . . . . . 225
HIGHLAND GEN HOSP . . . . . . . . . . 228
HILLSIDE HOSPITAL . . . . . . . . . . 229
HOAG MEMORIAL HOSP PRESBYTERIAN . . . . . . . . . . 230
HOLLYWOOD COMMUNITY HOSPITAL . . . . . . . . . . 231
HOLLYWOOD PRESBYTERIA MEDICAL CENTER . . . . . . . . . . 232
HOLLYWOOD WEST HOSP . . . . . . . . . . 233
HOLY CROSS HOSP . . . . . . . . . . 234
HOSPITAL OF THE GOOD SAMARITAN . . . . . . . . . . 235
HUMANA HOSP WEST ANAHEIM . . . . . . . . . . 239
HUMANA HOSPITAL HUNTINGTON BEACH . . . . . . . . . . 242
HUMANA HOSPITAL SAN LEANDRO . . . . . . . . . . 245
HUMANA HOSPITAL WEST HILLS . . . . . . . . . . 248
HUMANA HOSPITAL WESTMINISTER . . . . . . . . . . 251
HUNTINGTON MEM HOSP . . . . . . . . . . 254
INDIAN VALLEY DISTRICT HOSPITAL . . . . . . . . . . 255
INGLEWOOD GENERAL HOSPTAL . . . . . . . . . . 256
INLAND VALLEY REGIONAL MEDICAL CENTER . . . . . . . . . . 257
INTER-COMMUNITY HOSP . . . . . . . . . . 258
JOHN C. FREMONT HOSPITAL . . . . . . . . . . 261
JOHN F. KENNEDY MEMORIAL HOSPITAL . . . . . . . . . . 263
JOHN MUIR MEDICAL CENTER . . . . . . . . . . 264
KAISER FOUND HOSP ANAHEIM . . . . . . . . . . 267
KAISER FOUNDATION HOSP . . . . . . . . . . 270
KAISER FOUNDATION HOSP . . . . . . . . . . 273
KAISER FOUNDATION HOSP . . . . . . . . . . 276
KAISER FOUNDATION HOSP . . . . . . . . . . 279
KAISER FOUNDATION HOSP . . . . . . . . . . 282
KAISER FOUNDATION HOSP . . . . . . . . . . 285
KAISER FOUNDATION HOSP . . . . . . . . . . 288
KAISER FOUNDATION HOSP . . . . . . . . . . 291
KAISER FOUNDATION HOSP . . . . . . . . . . 294
KAISER FOUNDATION HOSP . . . . . . . . . . 297
KAISER FOUNDATION HOSP . . . . . . . . . . 300
KAISER FOUNDATION HOSP . . . . . . . . . . 303

KAISER FOUNDATION HOSP 306
KAISER FOUNDATION HOSP 309
KAISER FOUNDATION HOSP 312
KAISER FOUNDATION HOSP 315
KAISER FOUNDATION HOSP 318
KAISER FOUNDATION HOSP 321
KAISER FOUNDATION HOSP - FONTANA 324
KAISER FOUNDATION HOSP SO SACRAMENTO 327
KAISER FOUNDATION HOSPITAL 330
KAWEAH DELTA DISTRICT HOSPITAL 333
KENNETH NORIS JR CANCER HOSP 337
KERN MEDICAL CTR 338
KERN VALLEY HOSPITAL 341
KINGSBURG GEN HOSP 342
L A CO HARBOR-UCLA MED CTR 343
LA HABRA COMMUNITY HOSP 346
LA HACIENDA HOSPITAL 347
LA PALMA HOSP MEDICAL CTR 349
LAC/OLIVE VIEW MED CTR-MIDVALLEY UNI 350
LADERA HEIGHTS COMMUNITY HOSPITAL, I 352
LAGUNA HONDA HOSP 353
LAKESIDE COMM HOSP 354
LANCASTER COMM HOSP 355
LANTERMAN DEVELOPMENTAL CENTER 356
LASSEN COMMUNITY HOSP 358
LAUREL GROVE HOSP 359
LETTERMAN GEN HOSP 360
LINDA VISTA COMM HOSP 361
LINDSAY HOSPITAL MEDICAL CENTER 362
LITTLE COMPANY OF MARY HOSP 364
LODI MEM HOSP 367
LOMA LINDA COMMUNITY HOSP 370
LOMA LINDA UNIVERSITY MEDICAL CENTER 373
LOMPOC DISTRICT HOSP 376
LONG BEACH COMMUNITY HOSPITAL 379
LONG BEACH DOCTORS HOSPITAL 382
LOS ALAMITOS GENERAL HOSPITAL 384
LOS ANGELES COMMUNITY HOSP 387
LOS ANGELES COUNTY HIGH DESERT HOSP 388
LOS ANGELES COUNTY USC MEDICAL CENTE 389
LOS BANOS COMM HOSP 390
LOS MEDANOS COMMUNITY HOSP 391
LOS ROBLES REGIONAL MEDICAL CENTER 392
MAD RIVER COMMUNITY HOSP 393
MADERA COMMUNITY HOSPITAL 394
MARIAN HOSP 395

MARIN GENERAL HOSPITAL 396
MARK TWAIN HOSP 399
MARSHAL HALE MEMORIAL HOSP 400
MARSHALL HOSP 402
MARTIN LUTHER HOSP MEDICAL CENTER 403
MARTIN LUTHER KING JR GEN HOSP 404
MAYERS MEM HOSP 405
MEDICAL CENTER OF LA MIRADA 406
MEDICAL CENTER OF TARZANA 409
MEDICAL CTR OF GARDEN GROVE 411
MEMORIAL HOSP AT EXETER 412
MEMORIAL HOSP MED CTR-LONG BEACH 413
MEMORIAL HOSP MODESTO 414
MEMORIAL HOSP OF GARDENA 416
MEMORIAL HOSPITAL CERES 417
MENDOCINO COAST HOSPITAL 419
MENDOCINO COMMUNITY HOSP 420
MERCED COMMUNITY MEDICAL CENTER 421
MERCY GENERAL HOSPITAL 422
MERCY HOSP 424
MERCY HOSP & MEDICAL CENTER 425
MERCY HOSPITAL OF FOLSOM 427
MERCY MEDICAL CENTER 428
MERCY MEDICAL CENTER 431
MERCY SAN JUAN HOSP 434
MERRITHEW MEMORIAL HOSP 436
METHODIST HOSP OF SOUTHERN CALIFORNI 438
METHODIST HOSPITAL 440
MIDWAY HOSP MEDICAL CENTER 441
MIDWOOD COMMUNITY HOSPITAL 443
MISSION HOSPITAL 444
MISSION HOSPITAL REGIONAL MEDICAL CT 445
MISSION OAKS HOSPITAL 447
MODESTO CITY HOSP 450
MODOC MED CTR 452
MONO GENERAL HOSP 453
MONROVIA COMM HOSP 454
MONTEREY PARK HOSP 455
MONTEREY PENINSULA HOSPITAL 458
MOTION PICTURE & TELEVISION HOSP 459
MOUNT ZION HOSP & MEDICAL CENTER 460
MOUNTAINS COMMUNITY HOSPITAL 463
MOUNTAIN VIEW MEDICAL CENTER 464
MT DIABLO HOSP MED CTR 465
MT SHASTA COMMUNITY HOSP 466
N M HOLDERMAN HOSP 467

N T ENLOE MEMORIAL HOSP . . . . . . . . . . 468
NATIVIDAD MEDICAL CENTER . . . . . . . . . . 471
NEEDLES - DESERT COMMUNITIES HOSP . . . . . . . . . . 472
NEWHALL COMMUNITY HOSPITAL . . . . . . . . . . 473
NORTH KERN HOSP . . . . . . . . . . 474
NORTHBAY MEDICAL CENTER . . . . . . . . . . 475
NORTHERN INYO HOSPITAL . . . . . . . . . . 478
NORTHRIDGE HOSPITAL FOUNDATION . . . . . . . . . . 479
NORWALK COMM HOSP . . . . . . . . . . 481
NOVATO COMMUNITY HOSP . . . . . . . . . . 482
NU-MED REGIONAL MEDICAL CTR . . . . . . . . . . 483
O'CONNOR HOSPITAL . . . . . . . . . . 484
OAK VALLEY DISTRICT HOSP . . . . . . . . . . 486
OAKLAND HOSP . . . . . . . . . . 487
OCEANVIEW RECOVERY CENTER . . . . . . . . . . 488
OJAI VALLEY COMMUNITY HOSP . . . . . . . . . . 491
ONTARIO COMM HOSP . . . . . . . . . . 492
OROVILLE HOSP . . . . . . . . . . 494
ORTHOPAEDIC HOSP . . . . . . . . . . 496
PACIFIC COAST HOSP . . . . . . . . . . 499
PACIFIC PRESBYTERIAN HOSP . . . . . . . . . . 500
PACIFICA COMM HOSP . . . . . . . . . . 501
PACIFICA HOSP OF LONG BEACH . . . . . . . . . . 504
PACIFICA HOSP. OF THE VALLEY . . . . . . . . . . 507
PALM DRIVE HOSP . . . . . . . . . . 510
PALMDALE GEN HOSP . . . . . . . . . . 511
PALO VERDE HOSP . . . . . . . . . . 512
PALOMAR MEDICAL CENTER . . . . . . . . . . 513
PANORAMA COMMUNITY HOSP . . . . . . . . . . 514
PARADISE VALLEY HOSP . . . . . . . . . . 515
PARKVIEW COMMUNITY HOSP MED CTR . . . . . . . . . . 518
PENINSULA HOSP & MEDICAL CENTER . . . . . . . . . . 520
PERALTA HOSP . . . . . . . . . . 522
PETALUMA VALLEY HOSPITAL . . . . . . . . . . 523
PHS INDIAN HEALTH SERVICE HOSP . . . . . . . . . . 524
PHYSICIANS COMMUNITY HOSPITAL . . . . . . . . . . 525
PICO RIVERA COMM HOSP . . . . . . . . . . 529
PIONEER HOSPITAL . . . . . . . . . . 531
PIONEERS MEMORIAL HOSPITAL DISTRICT . . . . . . . . . . 534
PLACENTIA-LINDA COMM HOSP . . . . . . . . . . 535
PLEASANT VALLEY HOSP . . . . . . . . . . 536
PLUMAS DISTRICT HOSP . . . . . . . . . . 538
POMERADO HOSPITAL . . . . . . . . . . 539
POMONA VALLEY COMM HOSP . . . . . . . . . . 541
PORTERVILLE DEVELOPMENTAL CTR . . . . . . . . . . 543
PRESBYTERIAN INTERCOMMUNITY HOSP . . . . . . . . . . 545

PROVIDENCE HOSP . . . . . . . . . . 548
QUEEN OF ANGELS MEDICAL CENTER . . . . . . . . . . 549
QUEEN OF THE VALLEY . . . . . . . . . . 550
QUEEN OF THE VALLEY HOSP . . . . . . . . . . 551
RALPH K DAVIES MEDICAL CENTER . . . . . . . . . . 555
RANCHO ENCINO HOSP . . . . . . . . . . 557
REDBUD COMMUNITY HOSPITAL . . . . . . . . . . 558
REDDING MEDICAL CENTER . . . . . . . . . . 559
REDLANDS COMM HOSP . . . . . . . . . . 562
REDWOOD MEMORIAL HOSPITAL . . . . . . . . . . 565
RIDEOUT MEM HOSP . . . . . . . . . . 566
RIDGECREST COMM HOSP . . . . . . . . . . 568
RIO HONDO MEM HOSP . . . . . . . . . . 569
RIVERSIDE COMMUNITY HOSP . . . . . . . . . . 571
RIVERSIDE COMMUNITY HOSP-KNOLLWOOD C . . . . . . . . . . 573
RIVERSIDE GEN HOSP-UNIV MED CENTER . . . . . . . . . . 574
ROBERT F. KENNEDY MEDICAL CENTER . . . . . . . . . . 576
ROSEVILLE COMMUNITY HOSPITAL . . . . . . . . . . 577
ROSS GEN HOSP . . . . . . . . . . 578
ROSS-LOOS HOSP OF LOS ANGELES . . . . . . . . . . 581
SACRED HEART HOSP . . . . . . . . . . 583
SADDLEBACK HOSPITAL AND HEALTH CENTE . . . . . . . . . . 586
SAINT AGNES HOSP . . . . . . . . . . 588
SAINT JUDE HOSP AND REHAB CENTER . . . . . . . . . . 589
SALINAS VALLEY MEM HOSP . . . . . . . . . . 592
SAMUEL MERRITT HOSP . . . . . . . . . . 593
SAN ANTONIO COMMUNITY HOSPITAL . . . . . . . . . . 594
SAN BERNARDINO CO MEDICAL CTR . . . . . . . . . . 597
SAN BERNARDINO COMMUNITY HOSPITAL . . . . . . . . . . 598
SAN CLEMENTE GENERAL HOSPITAL INC . . . . . . . . . . 599
SAN DIEGO PHYSICIANS SURGEONS HOSP . . . . . . . . . . 600
SAN DIMAS COMM HOSP . . . . . . . . . . 601
SAN FERNANDO COMM HOSP . . . . . . . . . . 603
SAN FRANCISCO GEN HOSP . . . . . . . . . . 604
SAN GORGONIO PASS MEMORIAL HOSPITAL . . . . . . . . . . 605
SAN JOAQUIN COMM HOSP . . . . . . . . . . 606
SAN JOAQUIN GEN HOSP . . . . . . . . . . 609
SAN JOSE HOSPITAL . . . . . . . . . . 612
SAN LUIS OBISPO GEN HOSP . . . . . . . . . . 613
SAN PEDRO PENINSULA HOSP . . . . . . . . . . 614
SANGER HOSP . . . . . . . . . . 616
SANTA ANA HOSP MEDICAL CTR . . . . . . . . . . 617
SANTA BARBARA COTTAGE CARE CENTER . . . . . . . . . . 618
SANTA BARBARA COTTAGE HOSP . . . . . . . . . . 619
SANTA CLARA VALLEY MEDICAL CENTER . . . . . . . . . . 622
SANTA MARTA HOSP & CLINIC . . . . . . . . . . 624

SANTA MONICA HOSP MED CTR 626
SANTA PAULA MEM HOSP 627
SANTA ROSA MEM HOSP 628
SANTA TERESA COMM HOSP 629
SANTA TERESITA HOSP 630
SANTA YNEZ VALLEY HOSP 632
SCENIC GENERAL HOSP 633
SCRIPPS CLINIC RESEARCH FOUNDATION 634
SCRIPPS MEMORIAL HOSP - ENCINITAS 637
SCRIPPS MEMORIAL HOSP - LA JOLLA 639
SCRIPPS MEMORIAL HOSPITAL-CHULA VIST 641
SEASIDE HOSP & MEDICAL CLINIC 642
SELMA DISTRICT HOSPITAL 643
SENECA DISTRICT HOSP 644
SEQUOIA HOSP 646
SETON MEDICAL CENTER 648
SHARP CABRILLO HOSP 651
SHASTA GEN HOSP 652
SHERMAN OAKS COMMUNITY HOSPITAL 653
SIERRA COMMUNITY HOSP 656
SIERRA NEVADA MEMORIAL HOSP 657
SIERRA VALLEY DISTRICT HOSP 658
SIERRA VIEW DISTRICT HOSP 659
SIERRA-KINGS HOSP 661
SIMI VALLEY ADVENTIST HOSP 662
SISKIYOU GEN HOSP 664
SONOMA STATE HOSP-MED SURG DIV 665
SONOMA VALLEY HOSP 666
SONORA COMM HOSP 667
SOUTH BAY HOSP 668
SOUTH COAST MEDICAL CENTER 669
SOUTHERN HUMBOLDT COMM HOSP DISTRICT 672
SOUTHERN INYO HOSP 673
ST BERNARDINE MEDICAL CENTER 674
ST CATHERINE HOSPITAL 676
ST ELIZABETH COMMUNITY HOSPITAL 677
ST FRANCIS HOSP 680
ST FRANCIS MEDICAL CENTER 681
ST FRANCIS MEMORIAL HOSP 682
ST HELENA HOSP & HEALTH CENTER 684
ST JOHN'S REGIONAL MEDICAL CTR 687
ST JOHNS HOSP HEALTH CENTER 688
ST JOSEPH HOSP 689
ST JOSEPH HOSP 690
ST JOSEPH MEDICAL CTR 691
ST JOSEPH'S MEDICAL CTR OF STOCKTON 692

ST JOSEPH'S OAK PARK HOSP . . . 694
ST JUDE HOSPITAL—YORBA LINDA . . . 695
ST LUKE HOSP OF PASADENA . . . 697
ST LUKES HOSP . . . 699
ST MARY DESERT VALLEY HOSPITAL . . . 701
ST MARY MEDICAL CTR . . . 702
ST MARY'S HOSP MED CTR . . . 705
ST ROSE HOSP . . . 706
ST VINCENT MEDICAL CENTER . . . 709
STANFORD UNIVERSITY HOSPITAL . . . 710
SURPRISE VALLEY COMMUNITY HOSP . . . 713
SUTTER DAVIS HOSP . . . 714
SUTTER GEN HOSPITAL . . . 715
SUTTER MEM HOSP . . . 717
SUTTER SOLANO MEDICAL CENTER . . . 718
TAHOE FOREST HOSPITAL DISTRICT . . . 719
TEHACHAPI DISTRICT HOSPITAL . . . 720
TEMPLE COMMUNITY HOSPITAL . . . 721
TERRACE PLAZA MEDICAL CENTER . . . 722
TORRANCE MEMORIAL MED CTR . . . 723
TRACY COMMUNITY MEMORIAL HOSP . . . 725
TRINITY GENERAL HOSP . . . 726
TULARE DISTRICT HOSPITAL . . . 728
TUOLUMNE GENERAL HOSP . . . 731
TUSTIN COMMUNITY HOSPITAL . . . 732
TWIN CITIES COMMUNITY HOSPITAL . . . 733
U C L A HOSP CTR FOR HEALTH SCIENCES . . . 734
UKIAH ADVENTIST HOSPITAL . . . 737
UKIAH GENERAL HOSP . . . 738
UNIV OF CA DAVIS—MED CTR . . . 739
UNIV OF CALIF-IRVINE MED CTR . . . 740
UNIVERSITY HOSPITAL UCSD MEDICAL CTR . . . 742
UNIVERSITY OF CALIF AT SAN FRANCISCO . . . 745
US AIR FORCE HOSP . . . 748
US NAVAL HOSP . . . 749
VALLEY COMM HOSPITAL . . . 750
VALLEY HOSPITAL . . . 752
VALLEY HOSPITAL MEDICAL CENTER . . . 753
VALLEY MED CENTER . . . 754
VALLEY MEMORIAL HOSP . . . 757
VALLEY PRESBYTERIAN HOSPITAL . . . 759
VAN NUYS COMMUNITY HOSPITAL . . . 760
VENTURA COUNTY MED CTR . . . 761
VERDUGO HILLS HOSP . . . 762
VICTOR VALLEY COMM HOSP . . . 765
VILLA VIEW COMMUNITY HOSP INC . . . 766

VISALIA COMMUNITY HOSP . . . . . . . . . . 770
WARRACK MEDICAL CENTER HOSP . . . . . . . . . . 772
WASHINGTON HOSP . . . . . . . . . . 773
WASHINGTON HOSPITAL . . . . . . . . . . 774
WATSONVILLE COMMUNITY HOSPITAL . . . . . . . . . . 775
WEST COVINA HOSP . . . . . . . . . . 776
WEST SIDE COMM HOSP . . . . . . . . . . 777
WEST SIDE DISTRICT HOSPITAL . . . . . . . . . . 778
WESTERN MEDICAL CENTER-SANTA ANA . . . . . . . . . . 779
WESTERN MEDICAL CTR—ANAHEIM . . . . . . . . . . 782
WESTERN PARK HOSPITAL MEDICAL CENTER . . . . . . . . . . 784
WESTLAKE COMMUNITY HOSPITAL . . . . . . . . . . 785
WESTSIDE HOSPITAL . . . . . . . . . . 787
WHEELER HOSP . . . . . . . . . . 790
WHITE MEMORIAL MEDICAL CENTER . . . . . . . . . . 791
WHITTIER HOSP . . . . . . . . . . 793
WOODLAND MEM HOSP . . . . . . . . . . 796
WOODRUFF COMMUNITY HOSP INC . . . . . . . . . . 797
YOLO GEN HOSP . . . . . . . . . . 798

TECHNICAL APPENDIX . . . . . . . . . . A-1

# INTRODUCTION

The nation's Medicare program, which is administered through the Health Care Financing Administration (HCFA) in the Department of Health and Human Services, now has 31 million beneficiaries. One of HCFA's primary responsibilities is to ensure that Medicare beneficiaries receive quality health care. We believe that the publication of the Medicare hospital mortality information contained in this document will contribute to that end.

This particular information release presents information to answer the question: "What is the actual death rate for each hospital compared to what would have been expected for that particular hospital, given what we know of the characteristics of patients admitted?" The statistics are presented in the hope that they will serve the public and the hospitals in their common interest of improving quality of care.

The development of mortality statistics is a complicated and controversial task, since the mortality rate at a given hospital may reflect, among other factors, age, sex, diagnosis, and severity of illness of patients admitted to that hospital, as well as the purpose and quality of the care they received. Characteristics affecting health and the probability of death vary among the patient populations served by individual hospitals. Consequently, the mortality rates in different patient populations will vary.

The usefulness of this information depends upon the accuracy with which mortality rates can be predicted and the stability of these rates over time for each hospital. It is important to understand that the difference between the hospital's mortality rate and the predicted values in the tables contained in this document may not be a direct measure of the quality of care rendered in hospitals. There is one primary reason for this: we do not now have any direct measurement tool with which we can adjust fully for differences among hospitals in how severely ill their patients are. For instance, two hospitals might have very different death rates for patients admitted for stroke, even after we have adjusted for age and sex. This might happen because one hospital's stroke patients consist of a significant number admitted in a coma and are thus more likely to die, whereas another hospital's patient population represents a broader spectrum of patients with cerebrovascular problems, or because these hospitals in fact provide different levels of quality of care. In addition, other factors affecting the probability of death in a particular case (e.g., family status/support) and overall health status are not included in the predictive model because information on them is not readily available.

When properly understood and used, this information can be useful; it can also be very misleading if it is interpreted incorrectly. The information simply describes one of several possible outcomes at a hospital--post admission mortality for Medicare beneficiaries. The information is not necessarily representative of a hospital's total performance in all aspects of patient care, and is best used to view experience in individual hospitals rather than making comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the ranges predicted by HCFA's model. Accordingly, it was important for hospitals to have an opportunity to review their specific information and to provide comments to HCFA and the public. We asked each hospital to prepare its comments on the information being released to the public, and we are including those comments in this publication.

This information is an important contribution to the health care community and should be reviewed by a wide range of individuals and organizations including hospital administrators, Peer Review Organizations, physicians, and researchers. Among these audiences, perhaps the hospital administrator will find the information most useful--as a screening tool and in consulting with medical staff to evaluate a hospital's strengths and weaknesses. In this way, the information should lead to analysis and subsequent actions which will capitalize on areas of strong performance and strengthen areas where improvement is needed. For example, we expect that hospitals and their medical staffs, using established and newly emerging quality assessment techniques, will try to determine what useful information can be derived about their hospitals and how they function.

Consumers should read the explanations of the uses and limitations of the information, as well as any comments a hospital may have provided, and should consider carefully the different roles that different hospitals play in their community. For example, one hospital might have different death rates than another because it serves more severely ill patients or because it is a trauma or emergency center.

The development and presentation of this information continues to be an important part of HCFA's responsibilities in the health care community. Consequently, in making the information as accurate and useful as possible, over the past several years we have discussed the theoretical framework and statistical approach with a number of nationally recognized technical experts in appropriate fields. Based on their recommendations, we continue to believe that the models used in this work are reasonable and appropriate for the intent of the publication.

This year we made three significant changes in the way in which we presented this information:

o First, we are presenting information for 1986 and 1987. The information for 1986 may be somewhat different from that published last December, since it is based on this year's methodology.

- Second, we are including information about each hospital, such as bed size and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA's) 1987 Annual Survey of Hospitals files or, where such information was not available from the AHA file, HCFA's Medicare/Medicaid Automated Certification System (MMACS) files.

- Third, instead of arranging the hospital mortality information and comments alphabetically by State, we have arranged the States regionally according to HCFA's 10 regional offices.

During our discussions with the experts, it was further recommended that we concentrate our efforts this year on validation of the data. Therefore, we have undertaken the following validation studies targeted to coincide with this year's release of the Hospital Mortality Information:

- HCFA is engaged in a statistical evaluation of the Hospital Mortality Information using clinical data abstracted by MediQual Systems, Inc. from over 40,000 medical records from a carefully selected sample of hospitals. The data consist of clinical characteristics of Medicare patients as ascertained in the first 48 hours of hospitalization, and include data from the patient history and preadmission findings, to permit assessment of the severity of illness at admission and its impact upon mortality. The validation consists of a comparison of the results of the mortality rate analyses with and without the adjustments for patient severity permitted by the specially obtained clinical data. This will allow conclusions about the extent to which patient severity impacts the mortality rates. Hospitals which participated in this study have done so voluntarily. HCFA has shared hospital specific results with each facility from which medical records were abstracted.

- We will be comparing results of the mortality rate analyses with the results found by all Peer Review Organizations (PROs) in applying HCFA's Generic Quality Screens to cases reviewed as a part of ongoing PRO review activities. The purpose of this particular validation effort is to determine the extent to which an alternative presumed measure of quality of care correlates with mortality rates.

In addition, the format for presentation, the process for sharing the information with individual hospitals, and the statistical methodology have been discussed at various meetings with leaders of organizations representing Medicare beneficiaries, physicians, and hospitals. Also, we have spent many months reviewing the comments received from the hospitals during the past 2 years regarding their patient-specific data and our mortality information publication.

Many suggestions from these sources have been incorporated into the final publication. For example, following the release, we examined a limited number of cases in which hospitals advised us that an individual shown as deceased on HCFA's records was in fact alive. An analysis of specific cases confirmed that there was a report of a date of death in the HCFA data base at the time the Medicare hospital mortality information was being analyzed. In most cases, we found that the source of the date of death in the record was the hospital inpatient bill provided by the facility. For example, the HCFA records showed that a bill submitted by Hospital "X" for an inpatient stay for a patient ending February 12, 1986 indicated the patient status at time of discharge as "Expired." This bill was processed on April 8, 1986 and served as part of the HCFA data base at the time we prepared the release of hospital mortality information. (For Medicare hospital mortality analyses, we used the Medicare billing records received for the June update of the MEDPAR file.) In July 1987, a bill was processed by HCFA for a subsequent hospital stay for this beneficiary and as a result we removed the date of death from our records. Unfortunately, this subsequent information was obtained too late to be included in the final information release. Although this type of billing problem was minimal on a national basis, we hope that an indirect byproduct of this process will be improved accuracy in coding and billing procedures.

The publication of Medicare Hospital Mortality Information is an ongoing process at HCFA. We are continuing to do everything we can to make this information more useful to both the public and the health care professions. We are refining ways to use the information as a screening tool for "quality of care" purposes, and we are developing tools to adjust for differences in disease severity. Thus, this year we provided hospitals with information on the Medicare Mortality Predictor System (MMPS) which is designed to help hospitals interpret the mortality rates of their patients. In addition, because we recognize that mortality rates alone do not adequately measure how effectively a hospital cares for its patients, we will be developing other measures of outcome, such as the need for medical treatment after discharge, to assess the performance of hospitals more fully.

Just as we made improvements in the methodology used last year, we expect that when the 1989 release is published, it, too, will reflect progress toward more accurate and useful information for hospitals, physicians, and consumers alike. This will contribute to assessment of and improvement in the effectiveness of medical services.

William L Roper M D.

William L. Roper, M.D.
Administrator

# DESCRIPTION OF MORTALITY INFORMATION

Before reading the tables containing the hospital-specific information and the comments provided by individual hospitals, the reader will find it useful to understand the format and presentation of the information in this document.

The analyses of the mortality rates associated with hospitalizations in 1987 are very similar to those carried out last year on Medicare hospitalizations which occurred in 1986. Only one hospitalization for every patient was used--the last hospitalization with a discharge in calendar year 1987. The event evaluated was death within 30 days of admission to the hospital.

For each hospital, information is presented for overall Medicare patient mortality and each of 16 diagnostic categories. The information consists of the number of Medicare patients, the actual mortality rate, and a range of predicted mortality, given the mix of patients.

The reader should note three significant changes in the way the information is organized in this year's publication:

- First, we are presenting information for 1986 and 1987. The information for 1986 may be somewhat different from that published last December, since it is based on the revised methodology discussed below.
- Second, we are including information about each hospital, such as bed size and other characteristics, which we obtained from data contained in the American Hospital Association's (AHA's) 1987 Annual Survey of Hospitals files or, where such information was not available from the AHA file, HCFA's Medicare/Medicaid Automated Certification System (MMACS) files. These hospital characteristics are found at the bottom of each hospital summary page containing the 1986 and 1987 mortality rates and ranges. A more detailed discussion of the hospital characteristics can be found in the section entitled "Hospital Characteristics Definitions."
- Third, instead of arranging the hospital mortality information and comments alphabetically by State, we have arranged the States regionally according to HCFA's 10 regional offices. Thus, the hospital information and comments are arranged alphabetically by State within each State's respective regional volume. A complete listing of States by region (and volume) can be found at Table 1.

Before reviewing the summary table for your hospital, it would be helpful to describe how the numbers were derived and what they mean:

- Number of Cases. This figure is the number of individual Medicare beneficiaries whose last discharge from a short term, acute care hospital in a calendar year was from the hospital listed. The total number for each hospital is presented under the category "all cases."

Similarly, for each diagnostic category, the number of cases consists of the number of Medicare beneficiaries whose last discharge in the calendar year was from the hospital cited and whose principal diagnosis at admission fell within the specific diagnostic category.

Since only a patient's last hospital discharge (including death occurring in a hospital) is "counted" in the total number, HCFA's computation and that maintained by individual hospitals will generally differ. For example, if John Doe was a patient at Hospital A three times during 1987, the methodology used in HCFA's analysis counts only the last discharge in 1987 in the hospital's total. Normally, a hospital maintains statistics regarding each of its admissions and so would count Mr. Doe as three cases. In addition, in this example, if Mr. Doe were admitted later in the year to Hospital B (another acute care hospital) and then discharged in 1987, and this latter stay represented his last discharge for 1987, his case would be counted in Hospital B's total and he would not appear at all in Hospital A's count.

The key factor to remember is that we are examining last hospital discharges in 1987. In some cases, this will necessitate the inclusion of certain patients admitted to the hospital in 1986 or who died in January 1988.

- Actual Mortality Rate. This figure presents the percentage of each hospital's Medicare patients who died within 30 days of the admission that resulted in the last-occurring discharge of the patient in 1987. (The percentage is rounded to the nearest whole percentage point.)

  Where, for example, Hospital A had a universe of 1000 patients whose last acute care hospital discharge in 1987 was from Hospital A, and 100 of these patients died within 30 days of their admission, whether as hospital inpatients or after discharge, the actual mortality rate would be 10 percent. This rate includes cases in which a beneficiary was admitted to the hospital in 1986 and was discharged in 1987. It also includes those instances in which a beneficiary was discharged in 1987 and died within 30 days of admission, even though the 30-day period extends into 1988. Cases in which the beneficiary was not discharged in 1987 are not part of the rate. For example, a person who was admitted to a hospital on December 28, 1987, discharged on January 5, 1988 and died on January 8, 1988 would not be a part of the calculation, even though that person died within 30 days of a 1987 admission.

- Range for Predicted Mortality. This column gives an estimate of mortality rates for cases equal in number and with the average characteristics of the cases treated by the hospital. The range is derived in part by determining, based on national experience, the contribution to the probability of dying associated with various patient characteristics: the number of high, low, and undefined risk hospital admissions in the previous six months, transfer status, age, sex, and presence of up to four of eight possible comorbid conditions--cancer, chronic cardiovascular disease, cerebrovascular degeneration/chronic psychosis, chronic pulmonary disease, chronic renal disease, chronic liver disease, diabetes, hypertensive disease--and by applying weights of the risk factors to the actual number of patients at the hospital to enable compilation of an expected mortality rate. This rate is converted, with adjustment for the variability expected given the number of cases, to a range of predicted mortality rates. It is important to note that the fewer the number of cases included in a given diagnostic category, the greater the uncertainty of the expected mortality range and, therefore, the wider the range. A larger number of cases yields greater precision, and therefore, a more narrow range of predicted mortality rates.

The principal source of data for the analysis was the HCFA Medicare Provider Analysis and Review (MEDPAR) file which contains information about each Medicare hospital discharge. Information about beneficiaries, including date of death, was obtained from the Social Security Administration.

The analyses were performed by means of logistic regression, with patients grouped into 17 distinct diagnostic categories: ten high risk and six low risk and one category containing all others. Similar to last year, the risk factors (covariates) included in the regression analyses within each diagnostic category were age, sex, significant comorbidities, number of admissions by risk category within 6 months, and status as a transfer patient. However, in response to comments on last year's definition of the diagnostic categories, the present categories are more risk-homogeneous. That is, the mortality rates associated with the ICD-9-CM codes for the principal diagnoses were evaluated and were used to determine whether a code should be placed in the high risk, the low risk, or the "undefined" category. Consequently, while the diagnostic categories still follow medical disciplinary lines, the range of mortality rates in each diagnostic category is more restricted. The net result is that the 16 specifically defined categories now account for about 65 percent of the patients, compared to 70 percent last year, and for about 72 percent of deaths, compared to 80 percent last year. A list of the ICD-9-CM codes used in each diagnostic category is attached in Table 2 and the list of the comorbidities is attached in Table 3. In the process of making these adjustments in the diagnostic categories, we have also modified the names of five categories to reflect more accurately their composition. These changes are: Neuropsychiatric/Sensory Disease (formerly Opthalmologic Disease), Musculoskeletal/Skin Conditions (formerly Orthopedic Disorders), Renal Failure (formerly Renal Disease), Infectious Disease (formerly Sepsis) and Cerebrovascular Accidents (formerly Stroke).

## HOSPITAL COMMENTS

On September 15, 1988, HCFA mailed to each hospital its own mortality information and asked for comments by October 24, 1988. Each hospital's comments, if any, immediately follow its mortality information. The comments are generally reproduced as submitted by the hospital. However, some hospitals returned to HCFA an annotated copy of the information sent on September 15. These annotated materials have not been reproduced in this publication.

even in those instances where they were the only form of comments submitted by a hospital. The reason for not printing these materials is one of privacy or because it would result in duplication of characteristics already corrected by HCFA. Information which would identify or possibly identify patients must be deleted, which would cause any remaining information to be of extremely limited, if any, use. Therefore, we have included a statement to identify instances when these types of materials have not been included. Other hospitals submitted comments that were more lengthy than those which we specified in our September 15 letter would be permitted and, therefore, were edited. As mentioned earlier, it is extremely important that the information presented in the tables be reviewed in concert with the hospital's comments.

In any project of this size, there will be instances where hospitals did not receive the information for comment or did not receive it timely. In fact, many hospitals were sent second copies of their specific information in an expeditious manner to allow every opportunity for review and comment. Therefore, even though it is possible that some of the nonresponding facilities never got the information or did not have adequate time to comment, we expect that these instances were few in number.

## INFORMATION SOURCES AND NOTES

It is important to note that this publication is based primarily on Medicare hospital billing information for calendar years 1985, 1986, and 1987. While the principal source for the analysis was the HCFA-maintained MEDPAR file which contains information about each Medicare hospitalization, some of the information about beneficiaries, such as date of death, was obtained from the Social Security Administration. Hospitals submit such information to HCFA's fiscal intermediaries (which handle claims for the care provided to Medicare beneficiaries). The file is updated quarterly. It is estimated that billing information on approximately 95 percent of all Medicare discharges is included in the MEDPAR file within 6 months of the close of the calendar year. Accordingly, our analysis was based on information received through June 10, 1988.

In any large-scale data base such as one dealing with Medicare hospitalizations, there will be gaps or inaccuracies. The fact that the files contain information on about 10 million hospital admissions to nearly 6,000 hospitals for each year provides some assurance that, for purposes of the statistical analysis conducted here, the information which might be missing or inaccurate is such a small portion of the total that it would have almost no impact on the results.

Nonetheless, while we feel that the information used in this analysis is quite thorough and complete, there are a few points which should be kept in mind as the hospital-specific information is being reviewed:

- The information used is billing data and is only as good as the information submitted by hospitals as a part of the payment process. Although there is always a possibility that coding errors are included, for our purposes here, it is assumed that, given the link to payment, hospitals have an incentive to submit bills accurately and promptly.

- The hospitals included in this analysis are short-term, acute care facilities which were identified by their unique provider number. All facilities which have a zero in the third position of their provider number are by definition participating in Medicare as short-term, acute care facilities. All other facilities--those with something other than a zero in the third position of the provider number--were excluded from the analysis. In some cases, hospital names suggest an orientation different from acute care. This does not mean the facility is inappropriately included in the publication.

- There is some information in the file which does not reflect the results of review by Peer Review Organizations (PROs), the entities charged with reviewing hospital services provided to Medicare beneficiaries. For example, one of the functions a PRO performs is to ensure that the diagnosis assigned to a particular case is accurate. The nature of the review and payment system is such that it is possible that PRO changes in diagnosis assignment may not be submitted to HCFA and associated in the MEDPAR file on as timely a basis as other billing information. Obviously, any major changes in diagnosis assignment which are not reflected in the data base would have a bearing on calculation of mortality rates in individual diagnostic categories and may also have a bearing on comorbidities. Some hospitals pointed out instances where the hospital's mortality information did not agree with HCFA's; e.g., different date of death, cases of subsequent admission to another facility, or changes in diagnostic codes. The data base used in this analysis has not been revised to reflect these potential discrepancies. Rather, we are examining all hospital comments to ensure that changes to our data systems and processes can be made when warranted so that future releases will be even more accurate. Readers are urged to review any hospital comments with a specific view toward these types of issues.

- The predictive model used in this effort does not explain all variability in outcome. Most notably, a measure of severity of illness has not been included in the model, and, therefore, the predictive power of the model is less precise than it would be if such a measure had been available. Nonetheless, the information included in this document does legitimately contribute to the body of information about hospital performance.

## HOSPITAL CHARACTERISTICS DEFINITIONS

In this year's publication, we have included hospital characteristics information such as bed size, occupancy rate, ownership, staffing, and specialty services. This information was obtained from the American Hospital Association (AHA) 1987 Annual Survey of Hospital Files. Where hospitals did not provide information on a particular item, it has been listed as "not available." This file consists of information voluntarily reported by hospitals to the AHA. In instances where the AHA records contained no information about a hospital included in the analysis, we have presented the most recent information from HCFA's Medicare/Medicaid Automated Certification System (MMACS) Files.

Following are the AHA's definitions of each characteristic found on the hospital's summary page containing the 1986 and 1987 mortality rates and ranges.

| | |
|---|---|
| SURVEY AND YEAR: AHA 1987 | Source = American Hospital Association 1987 Annual Survey of Hospital Files |
| o Total beds (#): | Number of beds (including sub-acute beds), cribs, and pediatric and neonatal bassinets regularly maintained (set up and staffed for use) for inpatients as of the close of the reporting period; does not include bassinets for normal newborn infants. |
| o Occupancy rate (%): | Ratio of average daily census to the average number of beds (statistical beds) maintained during the 12-month reporting period. (NOTE: The number of these "statistical beds" may differ from the bed count at the close of the reporting period.) |
| o Ownership/control: | State government, local government, district/authority, church, private nonprofit, private for profit, or Federal Government |

STAFFING:

| | |
|---|---|
| o Total number of physicians: | Total active and associate medical staff |
| o Percent of Board-Certified Specialists | Physicians who have passed an examination given by a medical specialty board and have been certified by that board as a specialist. |
| o Interns and residents: | Full-time equivalent (FTE) medical residents |
| o Registered nurses: | Full-time equivalent (FTE) registered nurses |
| o Licensed practical nurses: | Full-time equivalent (FTE) licensed practical nurses |

SPECIALTY SERVICES:

| | |
|---|---|
| o Shock/trauma unit: | Provides emergency and specialized intensive care to critically injured patients. |
| o Burn unit: | Provides more intensive care to severely burned patients than the usual acute nursing care provided in medical and surgical units. Beds must be set up and staffed in a unit specifically designated for this service. |
| o Medical/surgical intensive care: | Provides nursing care to adult and/ or pediatric patients of a more intensive nature than the usual medical, surgical, pediatric, and/or psychiatric care on the basis of physicians' orders and approved nursing care plans. Included are medical-surgical, pediatric, and psychiatric (isolation) units. These units are staffed with specially trained nursing personnel and contain monitoring and specialized support equipment for patients who, because of shock, trauma, or life-threatening condi- tions, require intensified, compre- hensive observation and care. These units may also include cardiac care when such services are not provided in a distinct cardiac care unit. |
| o Cardiac intensive care: | Provides patient care of a more specialized nature than the usual medical and surgical care, on the basis of physicians' orders and approved nursing care plans. The unit is staffed with specially trained nursing personnel and contains monitoring and specialized support or treatment equipment for patients who, because of heart seizure, open-heart surgery, or other life-threatening conditions, require intensified, comprehensive observation and care. May include myocardial infarction, pulmonary care, and heart transplant units. Beds must be set up and staffed in a unit(s) specifically designated for this service. |

| | | |
|---|---|---|
| o | Organ transplant service | The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient. |
| o | Hospice care: | A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patient's illness and death. |

NOTE: Inquiries regarding the AHA data or requests for additional AHA data must be directed to the Director of the American Hospital Association's Hospital Data Center at (312) 280-6000.

Following are HCFA's Medicare/Medicaid Automated Certification System (MMACS) definitions of each characteristic found on the hospital's summary page containing the 1986 and 1987 mortality rates and ranges. Please note that there are no specific definitions of the specialty services in MMACS, and the characteristics that appear are those reported by the hospital.

| | | |
|---|---|---|
| SURVEY AND YEAR: HCFA 19_ | | Source = Health Care Financing Administration MMACS Files |
| o | Total beds (#): | Total number of operational beds eligible for Medicare reimbursement. |
| o | Ownership/control: | Church; private; Federal, State, local government, or hospital district or authority; proprietary. |
| STAFFING: | | |
| o | Interns and residents: | Full-time equivalent (FTE) medical residents |
| o | Registered nurses: | Full-time equivalent (FTE) registered nurses |
| o | Licensed practical nurses: | Full-time equivalent (FTE) licensed practical nurses |

| | | |
|---|---|---|
| o | Organ transplant service: | The necessary staff and equipment to perform the surgical removal of a viable human organ (including kidney) from a donor, either alive or just deceased, and the surgical grafting of the organ to a suitably evaluated and prepared patient. |
| o | Hospice care: | A program providing palliative care, chiefly medical relief of pain and supportive services, to terminally ill patients and assistance to their families in adjusting to the patient's illness and death. |

Table 1

| STATES BY REGION | LOCATION OF HCFA REGIONAL OFFICE |
|---|---|
| Connecticut | Boston(I) |
| Maine | |
| Massachusetts | |
| New Hampshire | |
| Rhode Island | |
| Vermont | |
| New Jersey | New York(II) |
| New York | |
| Puerto Rico | |
| Virgin Islands | |
| Delaware | Philadelphia(III) |
| District of Columbia | |
| Maryland | |
| Pennsylvania | |
| Virginia | |
| West Virginia | |
| Alabama | Atlanta(IV) |
| Florida | |
| Georgia | |
| Kentucky | |
| Mississippi | |
| North Carolina | |
| South Carolina | |
| Tennessee | |
| Illinois | Chicago (V) |
| Indiana | |
| Michigan | |
| Minnesota | |
| Ohio | |
| Wisconsin | |
| Arkansas | Dallas (VI) |
| Louisiana | |
| New Mexico | |
| Oklahoma | |
| Texas | |

Table 1 (Cont.)

| STATES BY REGION | LOCATION OF HCFA REGIONAL OFFICE |
|---|---|
| Iowa<br>Kansas<br>Missouri<br>Nebraska | Kansas City(VII) |
| Colorado<br>Montana<br>North Dakota<br>South Dakota<br>Utah<br>Wyoming | Denver(VIII) |
| American Samoa/Guam<br>Arizona<br>California<br>Hawaii<br>Nevada | San Francisco(IX) |
| Alaska<br>Idaho<br>Oregon<br>Washington | Seattle(X) |

Table 2

| DIAGNOSTIC CATEGORY | ICD-9-CM CODES |
|---|---|
| High Risk | |
| Cancer | 141, 147, 150-151, 156-159, 162.2-164, 171.5, 171.8, 171.9, 172.8, 179, 180.9 183, 189.0, 191, 192.2, 195, 196.1-196.2, 196.8, 197.0-197.2, 197.4-197.8, 198.0- 198.1, 198.3-198.8, 199-208 |
| Cerebrovascular Accidents | 430-432, 433.0, 434, 436 |
| Severe Acute Heart Disease | 410, 415, 421.0, 421.9, 423.0-423.2, 427.4-427.5, 441.0, 441.1, 441.3, 441.5, 444.1, 447.2, 785.5 |
| Severe Chronic Heart Disease | 397, 398.91, 416, 425.0, 425.2-425.4, 426.89, 428, 429.5-429.9, 441.2, 442.2, 453.2 |
| Gastrointestinal Catastrophes | 452, 453.0, 456.0, 456.20, 530.4, 530.8, 531.1-531.2, 531.5-531.6, 532.1-532.2, 532.5-532.6, 533.1-533.2, 533.5-533.6, 534.1-534.2, 534.5-534.6, 551, 557.0, 558.2, 560.0, 560.2, 560.89, 567, 569.83, 570, 571.2, 571.5-571.6, 572.2-572.4, 572.8 |
| Metabolic/ Electrolyte Disorders | 250.2-250.3, 260-263, 273, 275.4, 276.0, 276.2, 276.4-276.5, 277.3 |
| Pulmonary Disease | 481, 482.0-482.1, 482.3-482.9, 485-486, 500-505, 507, 508.0, 510, 511.1-511.9, 512-516.0, 518.0-518.1, 518.4, 518.5, 519.2-519.3 |
| Renal Failure | 584-586 |
| Infectious Disease | 018, 027.0, 036, 038, 040, 046-048, 049.0-049.1, 054, 060, 070.0, 070.2, 070.4, 070.6, 112, 116-117, 136.3, 320-320.7 |
| Severe Trauma | 806.0-806.1, 807.4, 851-853, 861.0-861.1, 861.3, 864, 868-869, 875.1, 901-902, 933.1, 934, 946.3-946.5, 948.4-948.9, 958.4 |

Table 2 (cont.)

| DIAGNOSTIC CATEGORY | ICD-9-CM CODES |
|---|---|
| Low-Risk | |
| Neuropsychiatric/Sensory Disease | 290-292, 293.1-293.9, 294-309, 311-319, 331.1-331.9, (excluding 331.7), 332-334 (excluding 334.4), 337 (excluding 337.1), 340, 342-343, 344.2-344.9, 345.0-345.2, 345.4-345.9, 346-347, 348.0, 350-358 (excluding 357.1-357.4 and 358.1), 360-389 |
| Gynecologic Disease | 614-627 (excluding 619.1) |
| Low-Risk Heart Disease | 390, 393, 401, 402.00, 402.10, 402.90, 405, 411.1-411.8, 413-414, 417, 420.9, 422.9, 425.1, 426.1-426.7, 426.81, 427.0, 427.2-427.3, 427.6, 427.8-427.9, 429.4, 433.1-433.9, 435, 437.2, 442.0-442.1, 442.3-442.9, 447.0-447.1, 447.3-447.9, 448, 451, 453.1, 453.8-453.9, 454-455, 456.3-456.6, 457.0-457.1, 457.9, 458.0 |
| Gastrointestinal Disease | 520-527, 528.2, 528.4-528.9, 529, 530.0-530.3, 530.5-530.7, 530.9, 531.3, 531.7-531.9, 532.3, 532.7-532.9, 533.3, 533.7-533.9, 534.3, 534.7-534.9, 535-536, 537.1-537.2, 537.5-537.6, 537.81, 537.9, 540-543, 550, 552, 558.1, 558.9, 562-566, 568, 569.0-569.2, 569.4-569.6, 569.9, 571.8-571.9, 574.00, 574.10, 574.20, 574.30, 574.40, 574.50, 575.0-575.3, 575.5-575.6, 575.9, 576.0, 576.9, 577.1, 577.9, 579 |
| Urologic Disease | 582-583, 588-589, 590.1, 590.8-590.9, 592, 594-595, 596.0, 596.2-596.5, 596.7-596.9, 597-598, 599.1-599.9, 600-606, 607.0-607.1, 607.3-607.9, 608.0-608.3, 608.8-608.9 |

Table 2 (cont.)

| DIAGNOSTIC CATEGORY | ICD-9-CM CODES |
|---|---|
| Musculoskeletal/Skin Conditions | 680-686, 690-698, 700-706, 707.1-707.9, 708-709, 710.0, 710.2-710.9, 714.0-714.4, 714.89, 714.9, 715-744, 746-758, 800.0, 800.5, 801.0, 801.5, 802, 805, 806.2-806.9, 807.00-807.06, 807.1-807.3, 807.5-807.6, 808-819, 822-838, 839.1-839.9, 840-848, 850, 854.00-854.04, 854.06-854.09, 861.2, 862, 867.1, 867.3-867.9, 870-874, 875.0, 876-887, 890-897, 905-929 |

---

The number of digits in the code indicated is important in identifying the included diagnoses. If a 3 digit code is given, all diagnoses with the first three digits indicated are included. Thus, if there is a 4th and 5th digit subclassification for the code, diagnoses with these 4th and 5th digits are included.

If a 4 digit code is given, all diagnoses with the first four digits indicated are included. Additionally, if there is a 5th digit subclassification for the code, the diagnoses with the first four digits indicated and any of the 5th digits are included. Codes specified to the 5th digit were defined with greater clinical detail and include only that diagnosis.

Where a range of codes are specified (such as 290-292) all diagnoses through 292 are included. The rules for interpreting what is included in the 3 digit code of 292 are indicated above.

Table 3

| COMORBIDITY | ICD-9-CM CODES |
|---|---|
| Cancer | 141-160.9, 162-172.9, 174-208.9 |
| Chronic Liver Disease | 571-572.8 |
| Chronic Renal Disease | 582-583.9, 585-587 |
| Chronic Cardiovascular Disease | 412-414.9, 426-429.1 |
| Chronic Pulmonary Disease | 491-493.9, 496 |
| Cerebrovascular Degeneration/ Chronic Psychosis | 290-290.9, 294-299.9 |
| Hypertensive Disease | 402-405.99 |
| Diabetes | 250.01, 250.1-250.9 |

(A comorbidity is taken to be present if its ICD-9-CM code appears on the bill as any one of the up to four additional diagnoses beyond the principal diagnosis.)

## AGNEWS STATE HOSP

AGNEWS
SAN JOSE, CA 95134

Medicare Hospital Provider Number: 050662

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2 | 0 | 0 - 98 | 1 | 0 | 0 -100 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 1 | 0 | 0 - 99 | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 0 | - | - |
| Musculoskeletal/Skin Conditions | 0 | - | - | 0 | - | - |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 0 | - | - |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

| | |
|---|---|
| Total Beds (#): | 12 |
| Ownership/Control: | State Government |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 0 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ALAMEDA HOSP

2070 CLINTON AVE
ALAMEDA, CA 94501

Medicare Hospital Provider Number: 050211

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,331 | 15 | 13 - 18 | 1,303 | 16 | 12 - 17 |
| Cancer | 49 | 41 | 27 - 57 | 19 | 58 | 19 - 63 |
| Cerebrovascular Accidents | 82 | 22 | 18 - 37 | 86 | 33 | 20 - 41 |
| Gastrointestinal Catastrophes | 10 | 50 | 17 - 74 | 18 | 22 | 15 - 57 |
| Infectious Disease | 26 | 50 | 22 - 61 | 20 | 40 | 15 - 58 |
| Metabolic/Electrolyte Disorders | 21 | 24 | 8 - 49 | 14 | 21 | 10 - 56 |
| Pulmonary Disease | 92 | 28 | 19 - 40 | 98 | 44 | 17 - 39 |
| Renal Failure | 5 | 40 | 8 - 83 | 12 | 33 | 21 - 81 |
| Severe Acute Heart Disease | 83 | 42 | 29 - 52 | 61 | 41 | 28 - 54 |
| Severe Chronic Heart Disease | 69 | 23 | 16 - 37 | 71 | 21 | 16 - 37 |
| Severe Trauma | 1 | 100 | 1 - 97 | 1 | 100 | 0 - 97 |
| Gastrointestinal Disease | 69 | 6 | 1 - 17 | 80 | 1 | 1 - 10 |
| Gynecologic Disease | 17 | 0 | 0 -100 | 12 | 0 | 0 -100 |
| Low-Risk Heart Disease | 116 | 3 | 1 - 9 | 138 | 2 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 119 | 3 | 1 - 9 | 129 | 4 | 1 - 10 |
| Neuropsychiatric/Sensory Disease | 25 | 4 | 0 - 44 | 28 | 7 | 0 - 45 |
| Urologic Disease | 34 | 0 | 0 - 39 | 44 | 7 | 0 - 54 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 98 |
| Occupancy Rate (%): | 63 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 76 |
| Percent of Physicians Who Are Board Certified Specialists: | 86 |
| Interns and Residents: | 0 |
| Registered Nurses: | 107 |
| Licensed Practical Nurses: | 11 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ALEXIAN BROTHERS HOSP

225 N JACKSON AVE
SAN JOSE, CA 95116

Medicare Hospital Provider Number: 050125

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 973 | 15 | 11 - 16 | 1,185 | 14 | 13 - 18 |
| Cancer | 22 | 41 | 20 - 61 | 35 | 34 | 25 - 59 |
| Cerebrovascular Accidents | 55 | 22 | 19 - 42 | 70 | 27 | 20 - 42 |
| Gastrointestinal Catastrophes | 11 | 18 | 11 - 61 | 13 | 62 | 12 - 64 |
| Infectious Disease | 15 | 20 | 11 - 55 | 17 | 29 | 16 - 60 |
| Metabolic/Electrolyte Disorders | 26 | 31 | 12 - 51 | 36 | 22 | 10 - 43 |
| Pulmonary Disease | 62 | 32 | 13 - 39 | 91 | 30 | 16 - 37 |
| Renal Failure | 4 | 25 | 10 - 86 | 10 | 30 | 17 - 79 |
| Severe Acute Heart Disease | 40 | 30 | 25 - 54 | 59 | 41 | 27 - 53 |
| Severe Chronic Heart Disease | 77 | 34 | 13 - 35 | 97 | 24 | 17 - 35 |
| Severe Trauma | 2 | 50 | 3 - 92 | 2 | 0 | 3 - 88 |
| Gastrointestinal Disease | 79 | 5 | 0 - 17 | 75 | 5 | 1 - 17 |
| Gynecologic Disease | 10 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 140 | 9 | 1 - 13 | 152 | 2 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 68 | 4 | 0 - 23 | 80 | 1 | 2 - 10 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 -100 | 10 | 10 | 0 - 88 |
| Urologic Disease | 20 | 0 | 0 - 90 | 26 | 0 | 0 - 64 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 204 |
| Occupancy Rate (%): | 49 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 201 |
| Percent of Physicians Who Are Board Certified Specialists: | 44 |
| Interns and Residents: | 0 |
| Registered Nurses: | 150 |
| Licensed Practical Nurses: | 21 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

ALEXIAN BROTHERS
Hospital

October 17, 1988

Health Standards and Quality Bureau, HCFA
Attention: Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to comment on the Medicare hospital mortality information for Alexian Brothers Hospital, San Jose for the calendar years 1986 and 1987. Our records indicate a discrepancy between the HCFA provided data for these periods and the data provided through our Medical Records Department. For 1986, the total Medicare discharges according to our records were 1,960 with an actual mortality of 148 patients. This represents a mortality rate of 7.5 percent according to our records compared to 14 percent provided by the HCFA data for the same period. For the calendar year ending 1987, our data shows 1,963 Medicare discharges with 154 deaths resulting in a mortality rate of 7.8 percent compared to the mortality rate from the HCFA data of 15 percent.

Due to the HCFA defined categorization of medical diagnoses, we cannot correlate our data with the HCFA data by individual diagnostic category to determine if the mortality rate defined by HCFA is consistent with our own internal data. However, based on the statistics provided from HCFA, the mortality rates are consistently within the range for predicted mortality for all diagnostic categories.

Again, thank you for the opportunity to respond. We hope that the discrepancies that we have identified will be helpful to you in continuing to provide accurate information regarding mortality statistics for hospitals. As mentioned in your letter, this data does not reflect the level of quality of care provided by the hospital, and our comments are limited strictly to the statistical validity of the data provided.

Sincerely,

Barbara A.

Barbara A. Zappas
Vice President of Operations

cc: Eileen Bacus, Director of Patient Care Review

225 North Jackson Avenue
San Jose, California 95116
408·259·5000

## ALHAMBRA COMM HOSP

100 S RAYMOND AVE
ALHAMBRA, CA 91801

Medicare Hospital Provider Number: 050281

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,012 | 15 | 12 - 17 | 957 | 13 | 11 - 17 |
| Cancer | 11 | 27 | 16 - 67 | 17 | 65 | 22 - 66 |
| Cerebrovascular Accidents | 45 | 24 | 16 - 42 | 46 | 20 | 17 - 41 |
| Gastrointestinal Catastrophes | 5 | 40 | 7 - 79 | 4 | 50 | 2 - 82 |
| Infectious Disease | 22 | 32 | 16 - 57 | 18 | 17 | 22 - 60 |
| Metabolic/Electrolyte Disorders | 18 | 11 | 14 - 50 | 29 | 14 | 9 - 41 |
| Pulmonary Disease | 95 | 36 | 20 - 42 | 87 | 23 | 21 - 41 |
| Renal Failure | 11 | 45 | 13 - 75 | 9 | 0 | 15 - 67 |
| Severe Acute Heart Disease | 37 | 49 | 30 - 62 | 36 | 56 | 23 - 56 |
| Severe Chronic Heart Disease | 72 | 24 | 15 - 36 | 63 | 25 | 17 - 40 |
| Severe Trauma | 3 | 0 | 5 - 80 | 3 | 33 | 3 - 86 |
| Gastrointestinal Disease | 40 | 5 | 0 - 27 | 48 | 2 | 1 - 17 |
| Gynecologic Disease | 14 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 105 | 3 | 2 - 10 | 135 | 1 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 85 | 2 | 1 - 11 | 101 | 1 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 18 | 17 | 0 - 98 | 15 | 0 | 0 - 92 |
| Urologic Disease | 25 | 0 | 0 - 46 | 24 | 0 | 0 - 46 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 125 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## ALTA BATES HOSP

3001 COLBY STREET
BERKELEY, CA 94705

Medicare Hospital Provider Number: 050305

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,539 | 12 | 10 - 15 | 2,377 | 12 | 11 - 16 |
| Cancer | 126 | 45 | 30 - 52 | 123 | 50 | 32 - 55 |
| Cerebrovascular Accidents | 126 | 25 | 18 - 35 | 125 | 22 | 20 - 37 |
| Gastrointestinal Catastrophes | 16 | 38 | 15 - 62 | 25 | 40 | 19 - 60 |
| Infectious Disease | 48 | 35 | 21 - 51 | 37 | 24 | 23 - 55 |
| Metabolic/Electrolyte Disorders | 40 | 27 | 11 - 44 | 48 | 23 | 12 - 41 |
| Pulmonary Disease | 105 | 26 | 17 - 37 | 98 | 20 | 17 - 36 |
| Renal Failure | 14 | 43 | 13 - 72 | 16 | 25 | 10 - 66 |
| Severe Acute Heart Disease | 81 | 28 | 31 - 53 | 82 | 39 | 31 - 54 |
| Severe Chronic Heart Disease | 114 | 23 | 15 - 32 | 125 | 24 | 16 - 33 |
| Severe Trauma | 7 | 71 | 6 - 70 | 8 | 25 | 5 - 67 |
| Gastrointestinal Disease | 154 | 5 | 1 - 10 | 126 | 3 | 1 - 10 |
| Gynecologic Disease | 35 | 0 | 0 -100 | 41 | 0 | 0 -100 |
| Low-Risk Heart Disease | 278 | 4 | 2 - 8 | 219 | 4 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 252 | 2 | 1 - 6 | 272 | 3 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 62 | 2 | 1 - 13 | 63 | 5 | 0 - 22 |
| Urologic Disease | 99 | 3 | 0 - 19 | 66 | 5 | 0 - 45 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 296
Occupancy Rate (%): 68
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 199
Percent of Physicians Who Are Board Certified Specialists: 81
Interns and Residents: 0
Registered Nurses: 323
Licensed Practical Nurses: 20

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: Yes
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: Yes
Hospice Care: No

Alta Bates - Herrick Hospital
2001 Dwight Way • Berkeley, CA 94704 • (415) 845-0130

October 20, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health and Human Services
Washington, DC 20201

Dear Dr. Roper: Provider Number: 050305

On behalf of the Board of Trustees, the administration and the medical staff of Alta Bates-Herrick Hospital, thank you for the opportunity to provide a response to the mortality statistics for calendar year 1987 for Alta Bates Hospital compiled by the Department of Health and Human Services.

In 1987, Alta Bates Hospital was a 317-bed acute care facility with specialities in women and infants services, cardiovascular services including open heart surgery, oncology services including hospice, an in-house skilled nursing facility, and regional services in burn care, high-risk obstetrics, and adult bone marrow transplanation. Most of the 1986 hospital characteristics attributed to Alta Bates and used by HCFA are incorrect, and we've attached a corrected copy to this letter.

We'd like to note that in December of 1987, Alta Bates Hospital and Herrick Hospital and Health Center merged and became Alta Bates-Herrick Hospital. Since we are unable to validate all the hospital's characteristics for 1986, we are supplying the following information on the merged facilities which is current as of October 1988:

LICENSED BEDS (#): 529
OCCUPANCY (% LICENSED BEDS): 60%
OWNERSHIP: Private, non-profit

STAFFING:
- Total Number of Physicians: 891
- Percent of Physicians Who Are Board Certified Specialists: 70%
- Interns and Residents Per Bed: -0-
- Total Number of Registered Nurses: 1,000
- Total Number of Licensed Practical Nurses: 25
- Staffing:
  - Medical/Surgical 4-5:1
  - Intensive Care 2:1 and 1:1 (linked to acuity)

SPECIALTY SERVICES:
- Shock/Trauma or Burn Unit: Yes
- Coronary Care Unit: Yes
- Organ Transplant Service: Yes
- Hospice Care: Yes

The hospital's medical staff and administration closely monitor the quality of patient care through several mechanisms, but primarily through an ongoing Quality Assurance Program, which, as one of its responsibilities, reviews all deaths to assess medical management and overall care. Individual clinical departments of the medical staff are also responsible for monitoring and evaluating patient care provided in each of their departments. In addition, the medical staff conducts regular peer review activities.

The mortality data was reviewed by the following physicians: the chairman of the Medical Care Evaluation Committee, the chairman of the Utilization Review and Risk Management committees, the medical director of Utilization Management, and physicians in the appropriate specialities. In addition, the data was reviewed by the executive director of operations and systems support, the director of quality assurance and utilization management, and the director of medical records.

The data show that the mortality rates experienced at the Alta Bates facility in 1987 fall within the predicted range calculated by the Department for this institution in each of the diagnostic categories except for the "trauma" category. Because the actual mortality rate in the "trauma" category was one point over the upper end of the range, we did a comprehensive review of all the cases listed. Of the seven cases in this category, three were severe burn patients and four had significant, non-reversible neurological disorders. In all cases, the care was appropriate.

We support the efforts of the Department to inform the public concerning health care delivery, and we believe that the release of this report is a step in that direction. We understand that there are limitations on using this data and determining the overall quality of care at a facility solely by this report would be inappropriate. We look forward to further enhancements which will help the public better understand the complexities of measuring quality and, in turn, help them become better consumers of health care.

The Board, administration, and medical staff of Alta Bates-Herrick will support this effort and continue to regularly monitor patient care to ensure quality care is provided to all patients at Alta Bates-Herrick.

If you have any questions, please direct them to the Public Relations Department, (415) 540-4558.

Sincerely,

Eleanor G. Claus

Eleanor G. Claus
President

Howard A. Blanchette, M.D.
President, Medical Staff

0384G

## ALTA BATES-HERRICK HOSPITAL

3001 COLBY ST
BERKELEY, CA 94705

Medicare Hospital Provider Number: 050087

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,007 | 15 | 10 - 16 | 1,044 | 13 | 11 - 16 |
| Cancer | 26 | 62 | 23 - 61 | 33 | 33 | 25 - 59 |
| Cerebrovascular Accidents | 63 | 29 | 17 - 40 | 80 | 30 | 17 - 38 |
| Gastrointestinal Catastrophes | 18 | 44 | 9 - 56 | 9 | 22 | 7 - 63 |
| Infectious Disease | 13 | 23 | 15 - 62 | 6 | 33 | 11 - 77 |
| Metabolic/Electrolyte Disorders | 22 | 9 | 9 - 42 | 23 | 13 | 7 - 42 |
| Pulmonary Disease | 48 | 29 | 11 - 39 | 53 | 38 | 14 - 42 |
| Renal Failure | 11 | 9 | 4 - 61 | 10 | 0 | 15 - 66 |
| Severe Acute Heart Disease | 40 | 42 | 22 - 53 | 42 | 60 | 27 - 58 |
| Severe Chronic Heart Disease | 56 | 23 | 15 - 39 | 60 | 17 | 14 - 35 |
| Severe Trauma | 6 | 50 | 4 - 75 | 5 | 20 | 2 - 76 |
| Gastrointestinal Disease | 57 | 5 | 1 - 19 | 54 | 7 | 0 - 33 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 79 | 3 | 1 - 12 | 82 | 6 | 1 - 16 |
| Musculoskeletal/Skin Conditions | 58 | 3 | 0 - 25 | 72 | 6 | 0 - 21 |
| Neuropsychiatric/Sensory Disease | 35 | 6 | 0 - 65 | 42 | 0 | 1 - 14 |
| Urologic Disease | 62 | 3 | 0 - 27 | 83 | 2 | 0 - 13 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 218 |
| Occupancy Rate (%): | 56 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

Alta Bates - Herrick Hospital
2001 Dwight Way • Berkeley, CA 94704 • (415) 845-0130

October 20, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health and Human Services
Washington, DC 20201

Dear Dr. Roper: Provider Number: 050087

On behalf of the Board of Trustees, the administration and the medical staff of Alta Bates-Herrick Hospital, thank you for the opportunity to provide a response to the mortality statistics for calendar year 1987 for Herrick Hospital compiled by the Department of Health and Human Services.

In 1987, Herrick Hospital was a 218-bed acute care facility, which provided comprehensive care in the areas of rehabilitation, mental health, and older adult services. Herrick was the designated Emergency Department for the entire Berkeley-Albany area. In March of 1987, the hospital and medical staff started a renal transplant program. Most of the 1986 hospital characteristics attributed to Herrick and used by HCFA are incorrect, and we've attached a corrected copy to this letter.

We'd like to note at this time that in December of 1987, Alta Bates Hospital and Herrick Hospital and Health Center merged and became Alta Bates-Herrick Hospital. Since we are unable to validate all the facility specific characteristics for 1986, we are supplying the following information on the merged facilities which is current as of October 1988:

LICENSED BEDS (#): 529
OCCUPANCY (% LICENSED BEDS): 60%
OWNERSHIP: Private, non-profit

STAFFING:
- Total Number of Physicians: 891
- Percent of Physicians Who Are Board Certified Specialists: 70%
- Interns and Residents Per Bed: -0-
- Total Number of Registered Nurses: 1,000
- Total Number of Licensed Practical Nurses: 25
- Staffing:
  - Medical/Surgical 4-5:1
  - Intensive Care 2:1 and 1:1 (linked to acuity)

SPECIALTY SERVICES:
- Shock/Trauma or Burn Unit: Yes
- Coronary Care Unit: Yes
- Organ Transplant Service: Yes
- Hospice Care: Yes

The hospital's medical staff and administration closely monitor the quality of patient care through several mechanisms, but primarily through an ongoing Quality Assurance Program, which, as one of its responsibilities, reviews all deaths to assess medical management and overall care. Individual clinical departments of the medical staff are also responsible for monitoring and evaluating patient care provided in each of their departments. In addition, the medical staff conducts regular peer review activities.

The mortality data was reviewed by the following physicians: the chairman of the Medical Care Evaluation Committee, the chairman of the Utilization Review and Risk Management committees, the medical director of Utilization Management, and physicians in the appropriate specialities. In addition, the data was reviewed by the executive director of operations and systems support, the director of quality assurance and utilization management, and the director of medical records.

The data show that the mortality rates experienced at the Herrick facility in 1987 fall within the predicted range calculated by the Department for this institution in each of the diagnostic categories except in the "cancer" category. Because the actual mortality rate in the "cancer" category was one point over the upper end of the range, we did a comprehensive review of all the cases listed. In the majority of these cases, the patients were in advanced disease states and were terminal upon admission. In all cases, the care was appropriate.

We support the efforts of the Department to inform the public concerning health care delivery, and we believe that the release of this report is a step in that direction. We understand that there are limitations on using this data and determining the overall quality of care at a facility solely by this report would be inappropriate. We look forward to further enhancements which will help the public better understand the complexities of measuring quality and, in turn, help them become better consumers of health care.

The Board, administration, and medical staff of Alta Bates-Herrick will support this effort and continue to regularly monitor patient care to ensure quality care is provided to all patients at Alta Bates-Herrick.

If you have any questions, please direct them to the Public Relations Department, (415) 540-4558.

Sincerely,

Eleanor G. Claus

Eleanor G. Claus
President

Howard A. Blanchette, M.D.
President, Medical Staff

0384G

## ALTA HOSP DISTRICT

500 ADELAIDE WAY
DINUBA, CA 93618

Medicare Hospital Provider Number: 050051

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 363 | 16 | 10 - 19 | 410 | 13 | 10 - 17 |
| Cancer | 5 | 80 | 17 - 84 | 8 | 63 | 19 - 79 |
| Cerebrovascular Accidents | 17 | 35 | 12 - 56 | 16 | 38 | 11 - 57 |
| Gastrointestinal Catastrophes | 4 | 50 | 4 - 82 | 3 | 0 | 1 - 82 |
| Infectious Disease | 1 | 0 | 0 - 99 | 8 | 25 | 13 - 71 |
| Metabolic/Electrolyte Disorders | 8 | 0 | 8 - 52 | 6 | 17 | 2 - 71 |
| Pulmonary Disease | 41 | 34 | 18 - 48 | 34 | 26 | 15 - 46 |
| Renal Failure | 0 | - | - | 3 | 67 | 8 - 91 |
| Severe Acute Heart Disease | 17 | 47 | 20 - 65 | 18 | 50 | 22 - 66 |
| Severe Chronic Heart Disease | 24 | 8 | 13 - 39 | 27 | 19 | 12 - 43 |
| Severe Trauma | 1 | 0 | 0 - 97 | 0 | - | - |
| Gastrointestinal Disease | 31 | 3 | 0 - 51 | 20 | 0 | 0 - 36 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 59 | 2 | 1 - 13 | 73 | 0 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 9 | 0 | 0 -100 | 28 | 0 | 0 - 28 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 -100 | 11 | 9 | 0 -100 |
| Urologic Disease | 13 | 8 | 0 - 89 | 15 | 7 | 0 - 91 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 50 |
| Occupancy Rate (%): | 32 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 16 |
| Percent of Physicians Who Are Board Certified Specialists: | 88 |
| Interns and Residents: | 0 |
| Registered Nurses: | 17 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ALVARADO COMM HOSP

6655 ALVARADO RD
SAN DIEGO, CA 92120

Medicare Hospital Provider Number: 050583

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,244 | 12 | 10 - 15 | 2,508 | 12 | 10 - 14 |
| Cancer | 77 | 45 | 29 - 55 | 79 | 57 | 28 - 53 |
| Cerebrovascular Accidents | 74 | 24 | 20 - 41 | 73 | 19 | 18 - 38 |
| Gastrointestinal Catastrophes | 16 | 38 | 15 - 62 | 24 | 50 | 22 - 64 |
| Infectious Disease | 43 | 35 | 21 - 52 | 29 | 28 | 21 - 57 |
| Metabolic/Electrolyte Disorders | 49 | 20 | 13 - 42 | 71 | 30 | 12 - 40 |
| Pulmonary Disease | 146 | 32 | 19 - 37 | 124 | 31 | 17 - 37 |
| Renal Failure | 13 | 23 | 11 - 68 | 11 | 18 | 13 - 72 |
| Severe Acute Heart Disease | 94 | 37 | 28 - 50 | 93 | 34 | 28 - 50 |
| Severe Chronic Heart Disease | 113 | 20 | 15 - 32 | 127 | 20 | 17 - 33 |
| Severe Trauma | 2 | 0 | 3 - 88 | 6 | 0 | 5 - 60 |
| Gastrointestinal Disease | 113 | 2 | 1 - 8 | 113 | 3 | 1 - 9 |
| Gynecologic Disease | 14 | 0 | 0 -100 | 12 | 0 | 0 -100 |
| Low-Risk Heart Disease | 340 | 4 | 2 - 7 | 503 | 3 | 3 - 6 |
| Musculoskeletal/Skin Conditions | 188 | 2 | 1 - 7 | 208 | 1 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 48 | 2 | 0 - 19 | 59 | 0 | 1 - 9 |
| Urologic Disease | 104 | 4 | 0 - 22 | 97 | 3 | 0 - 36 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 214 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

ALVARADO
HOSPITAL
MEDICAL CENTER
A National Medical Enterprises Health Care Facility

October 21, 1988

Medicare Provider Number 050583

Sandra Kappert
Health Standards and Quality Bureau
HCFA
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Dear Mrs. Kappert:

We have received and reviewed the 1987 Medicare Hospital Mortality Information pertaining to Medicare patients discharged from Alvarado Hospital Medical Center in calendar year 1987.

We are pleased to note that our hospital's overall mortality rate falls well within the predicted range. Similarly, mortality rates for the sixteen major diagnostic categories are either near the midpoint or at the low end of expected ranges. We believe this data is one useful measure of the quality of care we provide and have shared it with our quality assurance committee for further review.

We wish to point out that the hospital characteristics listed in our report are outdated. We understand this data will be corrected prior to the publication of the HCFA report in December.

We appreciate the opportunity to review this data prior to its release to the public.

Sincerely,

Dan McLean

Daniel P. McLean
Executive Director

/dsm
3984A

6655 ALVARADO ROAD • SAN DIEGO, CALIFORNIA 92120-2729 • (619) 287-3270

## AMADOR HOSP

810 COURT ST BOX 1268
JACKSON, CA 95642

Medicare Hospital Provider Number: 050014

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 479 | 16 | 11 - 18 | 494 | 11 | 9 - 16 |
| Cancer | 12 | 25 | 20 - 68 | 12 | 75 | 26 - 75 |
| Cerebrovascular Accidents | 20 | 55 | 13 - 55 | 24 | 21 | 13 - 47 |
| Gastrointestinal Catastrophes | 2 | 50 | 3 - 92 | 5 | 20 | 5 - 74 |
| Infectious Disease | 9 | 44 | 13 - 71 | 6 | 50 | 6 - 75 |
| Metabolic/Electrolyte Disorders | 11 | 18 | 6 - 57 | 10 | 20 | 8 - 60 |
| Pulmonary Disease | 33 | 33 | 14 - 47 | 23 | 9 | 8 - 37 |
| Renal Failure | 4 | 75 | 15 - 91 | 2 | 0 | 6 - 91 |
| Severe Acute Heart Disease | 22 | 50 | 21 - 61 | 25 | 32 | 22 - 58 |
| Severe Chronic Heart Disease | 42 | 31 | 14 - 42 | 38 | 13 | 11 - 35 |
| Severe Trauma | 0 | - | - | 1 | 0 | 1 - 97 |
| Gastrointestinal Disease | 23 | 0 | 0 - 48 | 32 | 3 | 1 - 24 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 54 | 4 | 1 - 16 | 56 | 5 | 1 - 20 |
| Musculoskeletal/Skin Conditions | 35 | 0 | 0 - 19 | 57 | 4 | 0 - 23 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 12 | 0 | 0 - 91 |
| Urologic Disease | 27 | 0 | 0 - 44 | 29 | 0 | 0 - 72 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 87 |
| Occupancy Rate (%): | 69 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 26 |
| Percent of Physicians Who Are Board Certified Specialists: | 65 |
| Interns and Residents: | 0 |
| Registered Nurses: | 34 |
| Licensed Practical Nurses: | 21 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## AMERICAN RIVER HOSPITAL

4747 ENGLE RD
CARMICHAEL, CA 95608

Medicare Hospital Provider Number: 050421

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,069 | 15 | 9 - 14 | 2,173 | 17 | 11 - 15 |
| Cancer | 69 | 45 | 25 - 52 | 77 | 49 | 30 - 56 |
| Cerebrovascular Accidents | 103 | 22 | 17 - 35 | 84 | 36 | 17 - 39 |
| Gastrointestinal Catastrophes | 13 | 38 | 15 - 66 | 18 | 39 | 17 - 62 |
| Infectious Disease | 8 | 63 | 14 - 75 | 14 | 43 | 14 - 64 |
| Metabolic/Electrolyte Disorders | 29 | 10 | 10 - 40 | 31 | 32 | 11 - 47 |
| Pulmonary Disease | 147 | 33 | 17 - 35 | 177 | 36 | 18 - 36 |
| Renal Failure | 7 | 43 | 6 - 76 | 5 | 80 | 10 - 82 |
| Severe Acute Heart Disease | 62 | 39 | 24 - 50 | 77 | 43 | 28 - 51 |
| Severe Chronic Heart Disease | 123 | 27 | 15 - 32 | 122 | 30 | 16 - 34 |
| Severe Trauma | 5 | 40 | 3 - 78 | 2 | 50 | 2 - 92 |
| Gastrointestinal Disease | 109 | 6 | 0 - 15 | 122 | 2 | 1 - 8 |
| Gynecologic Disease | 21 | 0 | 0 -100 | 14 | 0 | 0 -100 |
| Low-Risk Heart Disease | 186 | 5 | 1 - 9 | 244 | 5 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 159 | 3 | 1 - 8 | 160 | 2 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 45 | 7 | 0 - 65 | 53 | 11 | 0 - 32 |
| Urologic Disease | 122 | 2 | 0 - 11 | 115 | 3 | 0 - 25 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 230 |
| Occupancy Rate (%): | 65 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 220 |
| Percent of Physicians Who Are Board Certified Specialists: | 65 |
| Interns and Residents: | 0 |
| Registered Nurses: | 196 |
| Licensed Practical Nurses: | 44 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

American
River
Hospital

4747 Engle Road
Carmichael, CA
95608

Telephone
916
486-3211

October 24, 1988

Mr. Harvey Brooks
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mr. Brooks:

American River Hospital has reviewed the mortality data supplied by HCFA on Medicare patients whose last admission during 1987 was to American River Hospital.

The hospital's actual mortality rates were within the "predicted mortality ranges" for each of HCFA's 16 diagnostic categories.

American River Hospital's overall mortality rate for those Medicare patients included in the study exceeded HCFA's predicted mortality range by one percent. 1986 Medicare mortality data recently recomputed and now being re-released by HCFA shows a similar marginal increase over HCFA's predicted mortality range. We believe the consistency of the 1986 and 1987 data confirms our earlier findings that the lack of a severity of illness factor in HCFA's statistical model results in an inaccurate portrayal of our Medicare patient population and therefore produces an inaccurate "adjusted average mortality rate" for American River Hospital. Specifically, our review of the 1987 data and earlier reviews have found two significant measurements of severity of illness which are not considered as factors in HCFA's predicted mortality ranges:

1) a large percentage of patients who were admitted with or early in their hospital stay requested a "no code" status due to the terminal nature of their illness.

2) a large number of patients transferred from skilled nursing facilities for acute care treatment prior to the terminal event of their chronic illness.

Member of the
Alta Bates
Health System

Not-for-profit

Page Two
Mr. Harvey Brooks
October 24, 1988

Most importantly, our clinical review of the mortalities found that the level and quality of care rendered each patient was appropriate and consistent with the patient's wishes. Our ongoing Quality Assurance Program and clinical review of mortalities is, we believe, the most valid method of monitoring the quality of care rendered at the hospital.

We appreciate the opportunity to provide comments prior to HCFA's release of the data and we continue to support efforts to present meaningful information to the public regarding the quality of healthcare.

Sincerely,

Ruth Colavecchio

Ruth Colavecchio
Vice President
Resource Management

RC/CB:mlb

cc: Paul Gerard, M.D., Chairman, Quality Assurance Committee
Edwin Gipson, Chairman, Board of Trustees
Merle E. Wolf, President & CEO
Carol Benham, Director of Communications

## AMI CLAIREMONT COMMUNITY HOSP

5255 MT ETNA DRIVE
SAN DIEGO, CA 92117

Medicare Hospital Provider Number: 050141

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 442 | 11 | 9 - 15 | 436 | 11 | 9 - 16 |
| Cancer | 13 | 54 | 13 - 65 | 14 | 36 | 16 - 65 |
| Cerebrovascular Accidents | 18 | 17 | 12 - 48 | 22 | 32 | 10 - 49 |
| Gastrointestinal Catastrophes | 5 | 40 | 6 - 78 | 3 | 33 | 5 - 87 |
| Infectious Disease | 4 | 0 | 7 - 72 | 2 | 100 | 8 - 92 |
| Metabolic/Electrolyte Disorders | 6 | 33 | 1 - 80 | 5 | 0 | 5 - 64 |
| Pulmonary Disease | 17 | 12 | 11 - 47 | 27 | 22 | 11 - 45 |
| Renal Failure | 5 | 60 | 14 - 88 | 3 | 33 | 4 - 88 |
| Severe Acute Heart Disease | 14 | 43 | 16 - 65 | 19 | 42 | 18 - 61 |
| Severe Chronic Heart Disease | 37 | 30 | 15 - 45 | 25 | 16 | 10 - 42 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 25 | 0 | 0 - 26 | 28 | 7 | 0 - 75 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 72 | 3 | 1 - 14 | 50 | 0 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 25 | 0 | 0 - 81 | 29 | 0 | 0 - 45 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 13 | 0 | 0 - 96 | 25 | 0 | 0 - 40 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

| | |
|---|---|
| Total Beds (#): | 124 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 60 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## AMI GLENDORA COMMUNITY HOSP

150 W ALOSTA AVE
GLENDORA, CA 91740

Medicare Hospital Provider Number: 050205

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 651 | 16 | 10 - 16 | 708 | 15 | 11 - 17 |
| Cancer | 6 | 50 | 12 - 79 | 11 | 100 | 41 - 74 |
| Cerebrovascular Accidents | 26 | 46 | 14 - 52 | 27 | 44 | 13 - 50 |
| Gastrointestinal Catastrophes | 6 | 33 | 10 - 77 | 5 | 20 | 5 - 74 |
| Infectious Disease | 11 | 45 | 19 - 74 | 8 | 25 | 12 - 70 |
| Metabolic/Electrolyte Disorders | 14 | 14 | 7 - 51 | 15 | 20 | 12 - 56 |
| Pulmonary Disease | 74 | 36 | 17 - 41 | 88 | 20 | 22 - 42 |
| Renal Failure | 3 | 67 | 4 - 87 | 6 | 17 | 9 - 76 |
| Severe Acute Heart Disease | 17 | 65 | 23 - 67 | 17 | 76 | 25 - 65 |
| Severe Chronic Heart Disease | 31 | 13 | 13 - 39 | 33 | 24 | 14 - 45 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 34 | 3 | 1 - 23 | 42 | 2 | 0 - 20 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 116 | 6 | 1 - 13 | 112 | 4 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 68 | 3 | 0 - 15 | 66 | 5 | 0 - 26 |
| Neuropsychiatric/Sensory Disease | 18 | 0 | 0 - 92 | 8 | 0 | 0 - 99 |
| Urologic Disease | 22 | 0 | 0 - 32 | 20 | 5 | 0 - 86 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 143 |
| Occupancy Rate (%): | 37 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 104 |
| Percent of Physicians Who Are Board Certified Specialists: | 57 |
| Interns and Residents: | 0 |
| Registered Nurses: | 82 |
| Licensed Practical Nurses: | 29 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## AMI MEDICAL CENTER OF HOLLYWOOD

12629 RIVERSIDE DR
NORTH HOLLYWOOD, CA 91607

Medicare Hospital Provider Number: 050241

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 886 | 17 | 12 - 18 | 922 | 18 | 11 - 17 |
| Cancer | 13 | 38 | 17 - 67 | 15 | 33 | 15 - 62 |
| Cerebrovascular Accidents | 34 | 44 | 12 - 46 | 32 | 53 | 14 - 49 |
| Gastrointestinal Catastrophes | 4 | 25 | 3 - 80 | 5 | 60 | 9 - 81 |
| Infectious Disease | 19 | 42 | 18 - 62 | 11 | 18 | 15 - 64 |
| Metabolic/Electrolyte Disorders | 10 | 30 | 3 - 63 | 16 | 6 | 9 - 44 |
| Pulmonary Disease | 61 | 39 | 17 - 44 | 90 | 51 | 23 - 46 |
| Renal Failure | 7 | 86 | 17 - 79 | 11 | 73 | 19 - 80 |
| Severe Acute Heart Disease | 57 | 49 | 29 - 56 | 50 | 64 | 28 - 55 |
| Severe Chronic Heart Disease | 87 | 14 | 16 - 33 | 57 | 21 | 13 - 36 |
| Severe Trauma | 3 | 0 | 7 - 80 | 2 | 50 | 2 - 92 |
| Gastrointestinal Disease | 36 | 6 | 0 - 36 | 26 | 0 | 0 - 47 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 9 | 0 | 0 - 99 |
| Low-Risk Heart Disease | 85 | 1 | 1 - 9 | 117 | 4 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 83 | 1 | 0 - 10 | 82 | 4 | 0 - 20 |
| Neuropsychiatric/Sensory Disease | 31 | 3 | 0 - 80 | 40 | 5 | 0 - 32 |
| Urologic Disease | 18 | 0 | 0 - 71 | 14 | 7 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 182 |
| Occupancy Rate (%): | 41 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 113 |
| Percent of Physicians Who Are Board Certified Specialists: | 71 |
| Interns and Residents: | 0 |
| Registered Nurses: | 65 |
| Licensed Practical Nurses: | 13 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

AMI Medical Center of North Hollywood

Federal Express

October 14, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for this opportunity to respond to HCFA's release of data on hospital mortality rates for AMI Medical Center of North Hollywood. It should be noted that the Medical Staff of AMI Medical Center of North Hollywood has a comprehensive review process of all hospital deaths. This review is accomplished by experts from a variety of medical and surgical specialties. It is in this fashion that quality of care can be monitored on an on-going basis.

The Medical Center's overall mortality rate is consistent with the predicted mortality rates. However, we did exceed the norm in one diagnostic category. This category was renal failure.

After review of these seven cases it was noted that these cases had multiple conditions and medical problems and though renal failure or a related condition was present, it was not in all cases the reason for admission. Two of the cases should have been coded with a principal diagnosis of sepsis and secondary diagnosis of renal failure. In a third case the principal diagnosis was metastatic carcinoma and the secondary diagnosis of renal failure. The other four cases, as stated above, were admitted with principal diagnosis of renal failure but had multiple medical problems.

These cases were reviewed by the Mortality Committee and in their opinion these were expected deaths given their multiple medical problems and were treated appropriately.

We would ask that this information be placed on file as we

12629 Riverside Drive, North Hollywood, California 91607-3495 818 980 9200

are most proud of the quality of patient care at AMI Medical Center of North Hollywood and our ongoing peer review process.

Sincerely,

Michael Weinstein
President/Chief Executive Officer

Robert Leonard, M.D.
Chief of Staff

Charles W. King

Charles W. King, M.D.
Chairman of Mortality Review Committee

Ira Horwitz, M.D.
Director of Utilization Review

## AMI MISSION BAY MEMORIAL HOSPITAL

3030 BUNKER HILL ST
SAN DIEGO, CA 92109

Medicare Hospital Provider Number: 050598

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 837 | 12 | 10 - 15 | 1,017 | 11 | 9 - 15 |
| Cancer | 20 | 25 | 19 - 58 | 28 | 50 | 25 - 63 |
| Cerebrovascular Accidents | 56 | 27 | 17 - 42 | 45 | 24 | 16 - 43 |
| Gastrointestinal Catastrophes | 12 | 42 | 9 - 63 | 13 | 54 | 15 - 67 |
| Infectious Disease | 14 | 57 | 18 - 67 | 19 | 26 | 15 - 57 |
| Metabolic/Electrolyte Disorders | 8 | 13 | 7 - 61 | 17 | 18 | 5 - 48 |
| Pulmonary Disease | 58 | 22 | 13 - 37 | 68 | 18 | 14 - 36 |
| Renal Failure | 2 | 100 | 7 - 91 | 5 | 100 | 24 - 87 |
| Severe Acute Heart Disease | 37 | 32 | 28 - 59 | 45 | 44 | 24 - 54 |
| Severe Chronic Heart Disease | 41 | 15 | 12 - 35 | 49 | 12 | 14 - 34 |
| Severe Trauma | 1 | 0 | 0 - 99 | 0 | - | - |
| Gastrointestinal Disease | 50 | 6 | 0 - 26 | 69 | 4 | 0 - 24 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 85 | 4 | 1 - 12 | 123 | 1 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 78 | 1 | 0 - 12 | 85 | 2 | 0 - 14 |
| Neuropsychiatric/Sensory Disease | 18 | 0 | 0 - 74 | 57 | 0 | 0 - 17 |
| Urologic Disease | 35 | 3 | 0 - 62 | 30 | 0 | 0 - 69 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 150 |
| Occupancy Rate (%): | 35 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 167 |
| Percent of Physicians Who Are Board Certified Specialists: | 63 |
| Interns and Residents: | 0 |
| Registered Nurses: | 86 |
| Licensed Practical Nurses: | 2 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## AMI SIERRA VISTA REGIONAL MED CTR

1010 MURRAY ST
SAN LUIS OBISPO, CA 93401

Medicare Hospital Provider Number: 050506

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,574 | 14 | 10 - 14 | 1,668 | 12 | 10 - 15 |
| Cancer | 78 | 56 | 29 - 54 | 94 | 54 | 28 - 53 |
| Cerebrovascular Accidents | 75 | 39 | 17 - 40 | 87 | 24 | 17 - 37 |
| Gastrointestinal Catastrophes | 20 | 40 | 19 - 63 | 14 | 7 | 11 - 49 |
| Infectious Disease | 24 | 42 | 17 - 58 | 33 | 33 | 21 - 57 |
| Metabolic/Electrolyte Disorders | 17 | 24 | 7 - 51 | 24 | 8 | 12 - 42 |
| Pulmonary Disease | 73 | 29 | 15 - 38 | 59 | 22 | 15 - 39 |
| Renal Failure | 3 | 100 | 12 - 87 | 2 | 50 | 7 - 99 |
| Severe Acute Heart Disease | 51 | 43 | 22 - 50 | 58 | 34 | 28 - 54 |
| Severe Chronic Heart Disease | 71 | 24 | 14 - 35 | 70 | 16 | 15 - 34 |
| Severe Trauma | 14 | 21 | 9 - 56 | 5 | 20 | 3 - 75 |
| Gastrointestinal Disease | 82 | 0 | 1 - 7 | 77 | 5 | 1 - 16 |
| Gynecologic Disease | 23 | 0 | 0 -100 | 31 | 0 | 0 -100 |
| Low-Risk Heart Disease | 146 | 4 | 1 - 9 | 164 | 2 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 236 | 2 | 1 - 6 | 249 | 2 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 19 | 21 | 0 - 82 | 34 | 0 | 0 - 22 |
| Urologic Disease | 90 | 1 | 0 - 31 | 62 | 3 | 0 - 26 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 172 |
| Occupancy Rate (%): | 53 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 157 |
| Percent of Physicians Who Are Board Certified Specialists: | 96 |
| Interns and Residents: | 0 |
| Registered Nurses: | 152 |
| Licensed Practical Nurses: | 14 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# AMI VALLEY MEDICAL CENTER

1688 EAST MAIN ST
EL CAJON, CA 92021

Medicare Hospital Provider Number: 050186

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,179 | 19 | 12 - 17 | 1,361 | 18 | 12 - 17 |
| Cancer | 17 | 53 | 16 - 62 | 29 | 48 | 23 - 60 |
| Cerebrovascular Accidents | 45 | 38 | 19 - 48 | 69 | 32 | 18 - 41 |
| Gastrointestinal Catastrophes | 9 | 44 | 9 - 69 | 10 | 10 | 11 - 57 |
| Infectious Disease | 27 | 41 | 16 - 55 | 25 | 52 | 17 - 58 |
| Metabolic/Electrolyte Disorders | 53 | 26 | 12 - 42 | 48 | 31 | 8 - 40 |
| Pulmonary Disease | 136 | 31 | 19 - 38 | 154 | 42 | 19 - 38 |
| Renal Failure | 8 | 50 | 17 - 83 | 5 | 100 | 21 - 83 |
| Severe Acute Heart Disease | 54 | 44 | 26 - 54 | 52 | 52 | 29 - 57 |
| Severe Chronic Heart Disease | 72 | 26 | 14 - 35 | 71 | 24 | 13 - 34 |
| Severe Trauma | 1 | 100 | 0 - 98 | 4 | 25 | 3 - 80 |
| Gastrointestinal Disease | 63 | 6 | 0 - 21 | 78 | 3 | 1 - 12 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 12 | 0 | 0 -100 |
| Low-Risk Heart Disease | 111 | 5 | 1 - 12 | 123 | 5 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 76 | 4 | 0 - 20 | 89 | 3 | 0 - 14 |
| Neuropsychiatric/Sensory Disease | 17 | 0 | 0 - 86 | 27 | 0 | 0 - 63 |
| Urologic Disease | 40 | 2 | 0 - 52 | 38 | 8 | 0 - 55 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 189 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

**Valley Medical Center**

1688 East Main
El Cajon, California 92021

619 440-1122

October 19, 1988

Mrs. Sandra Kappert
Health Standards & Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

In response to the notification of intent to release the January 1, 1987 through December 31, 1987 mortality data from AMI Valley Medical Center, the following comments should be attached.

Valley Medical Center, located in El Cajon, California, is situated in a densely populated area of elderly, retired citizens who are more acutely ill when they arrive at our facility. In addition, there are 25 skilled nursing facilities totalling 2,600 beds and 65 board and care facilities with a total of 2,000 beds within a 12 mile radius, from which a large proportion of our Medicare admissions come. This means that our patients are generally older and have other complicating diagnoses related to the elderly. Of nineteen percent of the total Medicare discharges, death occurred within 48 hours of admission, and many of these deaths are considered to be inevitable.

Our overall death rate was higher in the disease entities common to elderly nursing home patients, i.e. cerebrovascular accidents, infectious diseases, pulmonary diseases with associated infections and multiple complicating diagnoses. This facility falls within the predicted range for all diagnostic categories except severe trauma for which there was only one case for the reporting period.

The average age of our Medicare patients reflected in these statistics is 81 compared with a statewide average of approximately 70.

It is the policy of the Medical Staff to have an ongoing review of all mortalities and to ensure that the records are reviewed and discussed by the appropriate medical staff committees. The Medical Staff believes one of its functions is to monitor the quality of care of all patients on an ongoing basis, not just when such data is released.

Thank you for the opportunity to comment on this data release.

Sincerely,

Dwight K. Ogburn
Executive Director

A MEMBER OF
**EPIC** HEALTHCARE GROUP

## AMI/COMMUNITY HOSP OF SANTA CRUZ INC

610 FREDERICK ST
SANTA CRUZ, CA 95062

Medicare Hospital Provider Number: 050164

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 697 | 12 | 9 - 15 | 911 | 11 | 10 - 15 |
| Cancer | 9 | 44 | 17 - 76 | 13 | 31 | 18 - 67 |
| Cerebrovascular Accidents | 35 | 40 | 16 - 49 | 42 | 21 | 18 - 44 |
| Gastrointestinal Catastrophes | 4 | 50 | 5 - 82 | 10 | 30 | 13 - 68 |
| Infectious Disease | 14 | 36 | 15 - 64 | 13 | 23 | 14 - 61 |
| Metabolic/Electrolyte Disorders | 7 | 0 | 3 - 54 | 18 | 22 | 8 - 50 |
| Pulmonary Disease | 53 | 25 | 13 - 38 | 57 | 23 | 16 - 41 |
| Renal Failure | 4 | 25 | 7 - 84 | 4 | 50 | 13 - 92 |
| Severe Acute Heart Disease | 27 | 22 | 22 - 55 | 40 | 32 | 24 - 54 |
| Severe Chronic Heart Disease | 29 | 38 | 15 - 50 | 48 | 33 | 13 - 41 |
| Severe Trauma | 0 | - | - | 2 | 50 | 0 - 96 |
| Gastrointestinal Disease | 46 | 7 | 0 - 42 | 62 | 3 | 0 - 18 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 79 | 5 | 1 - 16 | 98 | 0 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 70 | 0 | 1 - 8 | 84 | 1 | 0 - 11 |
| Neuropsychiatric/Sensory Disease | 11 | 0 | 0 - 99 | 20 | 0 | 0 - 91 |
| Urologic Disease | 10 | 0 | 0 -100 | 33 | 6 | 0 - 39 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 180 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 85 |
| Licensed Practical Nurses: | 7 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

AMI Community Hospital of Santa Cruz

October 12, 1988

William L. Roper, M.D, Administrator
Health Care Financing Administration
Health Care Standards and Quality Bureau
Hospital Mortality Information
P.O.Box 26684
Baltimore, MD 21206

Dear Dr. Roper:

We appreciate the information provided by HCFA and the opportunity to provide comment. Our actual mortality rates are within the range of predicted mortality rates for all categories.

Under the auspices of our Medical Staff Quality Assurance Program, mortality cases are regularly reviewed, and rates are monitored on an ongoing basis. This activity and the results and findings are a valuable component of the quality assurance process because they enable identification of opportunities to improve care, based on indepth peer review.

We would, however, caution others in using simple rates for judging the quality of care provided by different facilities.

Sincerely,

Ann Klein

Ann Klein
Executive Director

AK:bw

[illegible] Street, Santa Cruz, California 95062-2296 408 426-3282

# ANAHEIM GENERAL HOSPITAL

3350 W BALL RD
ANAHEIM, CA 92804

Medicare Hospital Provider Number: 050173

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 539 | 16 | 12 - 19 | 516 | 14 | 10 - 17 |
| Cancer | 20 | 35 | 25 - 67 | 12 | 33 | 16 - 67 |
| Cerebrovascular Accidents | 14 | 29 | 8 - 55 | 21 | 19 | 11 - 46 |
| Gastrointestinal Catastrophes | 9 | 44 | 10 - 69 | 6 | 17 | 8 - 71 |
| Infectious Disease | 24 | 8 | 20 - 49 | 14 | 14 | 16 - 58 |
| Metabolic/Electrolyte Disorders | 9 | 11 | 7 - 57 | 14 | 29 | 4 - 56 |
| Pulmonary Disease | 67 | 27 | 19 - 43 | 45 | 27 | 16 - 44 |
| Renal Failure | 4 | 75 | 12 - 88 | 1 | 100 | 0 -100 |
| Severe Acute Heart Disease | 22 | 36 | 23 - 62 | 15 | 60 | 21 - 68 |
| Severe Chronic Heart Disease | 28 | 29 | 9 - 44 | 31 | 16 | 18 - 45 |
| Severe Trauma | 1 | 100 | 1 - 97 | 0 | - | - |
| Gastrointestinal Disease | 25 | 4 | 0 - 56 | 38 | 5 | 0 - 49 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 65 | 2 | 1 - 11 | 65 | 8 | 0 - 23 |
| Musculoskeletal/Skin Conditions | 40 | 5 | 0 - 42 | 38 | 3 | 0 - 26 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Urologic Disease | 10 | 0 | 0 -100 | 12 | 0 | 0 - 95 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 99 |
| Occupancy Rate (%): | 37 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 52 |
| Percent of Physicians Who Are Board Certified Specialists: | 69 |
| Interns and Residents: | 0 |
| Registered Nurses: | 70 |
| Licensed Practical Nurses: | 18 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ANAHEIM MEM HOSP

1111 W LA PALMA AVE
ANAHEIM, CA 92803

Medicare Hospital Provider Number: 050226

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,867 | 12 | 10 - 14 | 1,733 | 12 | 10 - 15 |
| Cancer | 66 | 50 | 30 - 57 | 74 | 45 | 29 - 55 |
| Cerebrovascular Accidents | 61 | 26 | 17 - 40 | 46 | 28 | 16 - 43 |
| Gastrointestinal Catastrophes | 15 | 27 | 17 - 63 | 10 | 40 | 10 - 68 |
| Infectious Disease | 10 | 30 | 19 - 73 | 16 | 38 | 19 - 65 |
| Metabolic/Electrolyte Disorders | 20 | 45 | 14 - 59 | 31 | 29 | 16 - 52 |
| Pulmonary Disease | 84 | 39 | 18 - 41 | 82 | 33 | 20 - 43 |
| Renal Failure | 8 | 38 | 15 - 81 | 6 | 67 | 16 - 86 |
| Severe Acute Heart Disease | 71 | 34 | 26 - 49 | 44 | 30 | 27 - 55 |
| Severe Chronic Heart Disease | 104 | 20 | 18 - 35 | 92 | 27 | 14 - 34 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 111 | 7 | 1 - 14 | 108 | 4 | 1 - 11 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 405 | 4 | 2 - 6 | 349 | 2 | 3 - 6 |
| Musculoskeletal/Skin Conditions | 149 | 3 | 1 - 8 | 122 | 2 | 0 - 9 |
| Neuropsychiatric/Sensory Disease | 47 | 2 | 0 - 29 | 40 | 0 | 0 - 18 |
| Urologic Disease | 86 | 5 | 0 - 25 | 83 | 2 | 1 - 12 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 180 |
| Occupancy Rate (%): | 71 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 138 |
| Percent of Physicians Who Are Board Certified Specialists: | 77 |
| Interns and Residents: | 0 |
| Registered Nurses: | 264 |
| Licensed Practical Nurses: | 18 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

ANAHEIM
MEMORIAL
HOSPITAL

October 20, 1988

Health Care Financing Administration
Health Standards & Quality Bureau
Hospital Mortality Information
P.O. Box 26684
Baltimore, Maryland 21207

To Whom It May Concern:

Enclosed you will find the response to be attached to 1987 HCFA Mortality Report to be released to the public during in the month of December.

Sincerely,

Robert Sloane
President/Chief Executive Officer

jc

1111 W. La Palma Avenue P.O. Box 3005 Anaheim, CA 92803 (714) 774-1450

ANAHEIM
MEMORIAL
HOSPITAL

## ANAHEIM MEMORIAL'S RESPONSE TO THE 1987 MEDICARE HOSPITAL MORTALITY INFORMATION

Anaheim Memorial Hospital is a 240 bed acute care facility, whose case mix includes many patients with major medical and surgical illnesses. We are a full service medical center offering care in specialty areas of oncology, cardiology, cardiovascular surgery, major orthopedic services, pulmonary medicine, as well as general medical/surgical services.

The hospital specific mortality data reported by HCFA has been verified and reviewed by: the hospital administration, Chief of Medical Staff, Physician Chairmen of the Utilization Review and Quality Assurance Committees, QA/ DRG Manager and the Director of Medical Information Services.

The overall mortality rate, as well as the diagnostic category specific mortality rates, are all within the range of predicted mortality rates.

The Medical Staff at Anaheim Memorial Hospital conducts an intensive review of the medical record of every patient who expires at this facility with respect to medical management and overall quality of care. Mortality review is an on-going process of the Quality Assurance Program and peer review activities are an integral part of the monitoring of the healthcare delivery system at this facility.

Said quality review activities are performed on an individual case basis and not only when statistics such as the HCFA mortality data are released.

Thank you for the opportunity to present this response.

General Information: Katherine Dopler, Director of Corporate Communications at (714) 999-6061.

Specific Questions Regarding Mortality Statistics: Jean Rico, ART, Quality Assurance Manager at (714) 999-6054 or Barbara Pinkowitz, RRA, Director of Medical Information Services at (714) 999-6039.

Sincerely,

Robert Sloane
President/Chief Executive Officer

* * *

ANAHEIM MEMORIAL HOSPITAL 1987 MORTALITY DATA (MEDICARE PATIENTS)

| DIAGNOSTIC CATEGORY | CASES | ACTUAL MORTALITY RATE FOR AMH | RANGE OF PREDICTED MORTALITY RATES |
|---|---|---|---|
| ALL CAUSES | 1,867 | 12 % | 10 - 14 % |
| CANCER | 66 | 50 % | 30 - 57 % |
| CEREBROVASCULAR ACCIDENTS | 61 | 26 % | 17 - 40 % |
| GASTROINTESTINAL CATASTROPHES | 15 | 27 % | 17 - 63 % |
| INFECTIOUS DISEASE | 10 | 30 % | 19 - 73 % |
| METABOLIC/ELECTROLYTE DISTURBANCES | 20 | 45 % | 14 - 59 % |
| PULMONARY DISEASE | 84 | 39 % | 18 - 41 % |
| RENAL FAILURES | 8 | 38 % | 15 - 81 % |
| SEVERE ACUTE HEART DISEASE | 71 | 34 % | 26 - 49 % |
| SEVERE CHRONIC HEART DISEASE | 104 | 20 % | 18 - 35 % |
| SEVERE TRAUMA | 0 | 0 % | 0 % |
| GASTROINTESTINAL DISEASE | 111 | 7 % | 1 - 14 % |
| GYNECOLOGIC DISEASE | 13 | 0 % | 0 - 100 % |
| LOW-RISK HEART DISEASE | 405 | 4 % | 2 - 6 % |
| MUSCULOSKELETAL AND CUTANEOUS CONDITION | 149 | 3 % | 1 - 8 % |
| NEUROPSYCHIATRIC AND SENSORY DISEASE | 47 | 2 % | 0 - 29 % |
| UROLOGIC DISEASE | 86 | 5 % | 0 - 25 % |

## ANTELOPE VALLEY HOSP MEDICAL CENTER

1600 W AVE J
LANCASTER, CA 93534

Medicare Hospital Provider Number: 050056

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,324 | 13 | 9 - 14 | 1,293 | 11 | 9 - 14 |
| Cancer | 29 | 59 | 26 - 63 | 30 | 33 | 22 - 57 |
| Cerebrovascular Accidents | 51 | 24 | 15 - 39 | 45 | 29 | 15 - 42 |
| Gastrointestinal Catastrophes | 9 | 33 | 9 - 68 | 14 | 21 | 17 - 62 |
| Infectious Disease | 13 | 38 | 16 - 66 | 20 | 25 | 16 - 57 |
| Metabolic/Electrolyte Disorders | 14 | 29 | 5 - 56 | 28 | 21 | 9 - 45 |
| Pulmonary Disease | 88 | 35 | 16 - 38 | 72 | 28 | 15 - 38 |
| Renal Failure | 7 | 43 | 10 - 79 | 3 | 0 | 6 - 82 |
| Severe Acute Heart Disease | 47 | 51 | 24 - 54 | 43 | 37 | 23 - 52 |
| Severe Chronic Heart Disease | 62 | 16 | 14 - 34 | 74 | 19 | 14 - 33 |
| Severe Trauma | 5 | 20 | 9 - 77 | 4 | 75 | 2 - 81 |
| Gastrointestinal Disease | 71 | 0 | 1 - 8 | 74 | 7 | 0 - 23 |
| Gynecologic Disease | 14 | 0 | 0 -100 | 14 | 0 | 0 -100 |
| Low-Risk Heart Disease | 164 | 4 | 1 - 9 | 160 | 3 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 103 | 4 | 0 - 13 | 115 | 2 | 0 - 9 |
| Neuropsychiatric/Sensory Disease | 94 | 0 | 0 - 7 | 103 | 0 | 1 - 6 |
| Urologic Disease | 73 | 0 | 0 - 15 | 50 | 0 | 0 - 20 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 184 |
| Occupancy Rate (%): | 82 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 151 |
| Percent of Physicians Who Are Board Certified Specialists: | 71 |
| Interns and Residents: | 0 |
| Registered Nurses: | 277 |
| Licensed Practical Nurses: | 95 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Antelope Valley Hospital Medical Center
1600 West Avenue J, Lancaster, California 93534 (805) 949-5000

October 17, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, MD 21207

Gentlemen:

Thank you for the opportunity to respond to the Health Care Financing Administration (HCFA) Mortality Information.

The data collected by HCFA indicates that the mortality rates for all Medicare patients who expired at Antelope Valley Hospital Medical Center (AVHMC) and/or within thirty (30) days of their last Hospital admission for calendar year 1987 are within the "range of predicted mortality rates".

The number of beds noted under Hospital Characteristics is in error. The number of beds should be 184.

The limitations of the data need to be clearly noted. Only the number of Medicare beneficiaries whose last discharge from AVHMC in calendar year 1987 were included in the calculation. Those patients who were hospitalized more than 30 days are not included in the calculation, nor are those patients who died in 1988 but hospitalized within 30 days, included in the calculation. It should be noted that HCFA has the capability of determining those patients who died outside the acute hospital setting which is difficult for acute care facilities to monitor. Those patients who died outside the acute care facility may have died at home, in long term care facilities, in hospital emergency departments, or at the scene of an accident. The mortality data does not address the number of patients who were transferred to AVHMC. Thus, these cases appear on the receiving facility's data base, not the transferring facility's. The last point to be addressed is that the data does not address those patients and/or families who elected not to receive cardiopulmonary resuscitation if their prognosis was poor, or their condition deteriorated to the point of requiring life support treatment. This does not mean that treatment is not rendered. Antibiotic therapy, hydration, treatment of hypotension and arrhythmia, surgical intervention, and all other measures needed to treat the patient, with the exception of intubation and cardiac compressions, are rendered. Approximately 25% of our patients expressed this wish be honored during 1987.

Every death at AVHMC is reviewed by the appropriate Medical Staff Service Committee and its Chairman. Additionally, a monthly report is submitted to the Quality Assurance Committee and the Board of Directors. The focus of our review will be directed to the 11 cases of patients whose hospitalization was found to be in the low risk diagnostic categories. The cases fell in the following categories:

1. Musculoskeletal and Cutaneous Conditions. Number of cases - 4. We believe the case was a coding error. The patient was admitted for management of carcinoma of the lung.

   One patient presented with multiple fractures and a closed head injury and expired 3-1/2 hours after admission.

   One patient refused surgical intervention that was deemed necessary.

   And the fourth patient had a history of advanced coronary artery disease with terminal end-stage cardiomyopathy noted by the attending physician.

2. Low Risk Heart Disease. Number of cases - 7. Three patients expired at AVHMC; one patient was 91 years old and the family requested that the patient not be resuscitated, two patients sustained cardiac arrests and expired within 12 hours of admission. Four patients expired outside of AVHMC; at the time of discharge, the condition of these patients was stable and additional acute care/services was not required. It was noted that these patients had other preexisting conditions such as end-stage renal disease, coronary artery heart disease, diabetes, cerebral vascular insufficiency, and chronic lung disease.

Indicators have been established to review each death which occurs, either as an inpatient or in the Emergency Department. Indicators include:

1. Treatment management
2. Complexity of case
3. Resuscitation measures
4. Surgical procedures
5. Prognosis on admission
6. Hospital incurred incident
7. Death as an inpatient or the Emergency Department occurring within 30 days of a previous admission at this facility
8. Unexplained death.

This mortality data is only one component of monitoring patient care delivered at Antelope Valley Hospital Medical Center. The data must be evaluated closely and the limitations of the data realized. We are committed to improving patient care and again thank you for the opportunity to respond.

Sincerely,

John T. Evans, Jr., FACHE
Administrator

bs:wcm

## ARROYO GRANDE COMM HOSP

345 S HALCYON RD
ARROYO GRANDE, CA 93420

Medicare Hospital Provider Number: 050016

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 866 | 11 | 9 - 14 | 883 | 13 | 10 - 15 |
| Cancer | 21 | 38 | 22 - 63 | 26 | 54 | 21 - 60 |
| Cerebrovascular Accidents | 48 | 31 | 15 - 42 | 38 | 34 | 14 - 45 |
| Gastrointestinal Catastrophes | 6 | 17 | 15 - 76 | 12 | 42 | 9 - 63 |
| Infectious Disease | 6 | 17 | 5 - 69 | 9 | 11 | 12 - 61 |
| Metabolic/Electrolyte Disorders | 9 | 22 | 10 - 65 | 13 | 31 | 11 - 61 |
| Pulmonary Disease | 47 | 21 | 12 - 38 | 51 | 22 | 17 - 42 |
| Renal Failure | 2 | 0 | 4 - 89 | 1 | 0 | 0 -100 |
| Severe Acute Heart Disease | 34 | 35 | 26 - 58 | 46 | 43 | 26 - 55 |
| Severe Chronic Heart Disease | 37 | 27 | 11 - 40 | 54 | 33 | 13 - 40 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 97 |
| Gastrointestinal Disease | 72 | 3 | 1 - 13 | 55 | 4 | 0 - 26 |
| Gynecologic Disease | 8 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 130 | 3 | 1 - 9 | 134 | 4 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 57 | 4 | 0 - 19 | 71 | 0 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 14 | 14 | 0 -100 | 23 | 9 | 0 - 61 |
| Urologic Disease | 21 | 0 | 0 - 99 | 29 | 3 | 0 - 67 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 79
Occupancy Rate (%): 80
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## AUBURN FAITH COMMUNITY HOSP

11815 EDUCATION ST
AUBURN, CA 95603

Medicare Hospital Provider Number: 050498

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,455 | 13 | 10 - 15 | 1,309 | 15 | 10 - 15 |
| Cancer | 56 | 50 | 26 - 55 | 54 | 56 | 27 - 56 |
| Cerebrovascular Accidents | 69 | 19 | 16 - 36 | 66 | 30 | 17 - 41 |
| Gastrointestinal Catastrophes | 19 | 42 | 17 - 62 | 12 | 50 | 11 - 65 |
| Infectious Disease | 24 | 42 | 16 - 57 | 13 | 23 | 9 - 57 |
| Metabolic/Electrolyte Disorders | 21 | 19 | 5 - 46 | 20 | 10 | 8 - 42 |
| Pulmonary Disease | 112 | 26 | 17 - 37 | 101 | 34 | 17 - 38 |
| Renal Failure | 5 | 20 | 14 - 85 | 3 | 67 | 11 - 94 |
| Severe Acute Heart Disease | 49 | 31 | 25 - 52 | 50 | 30 | 27 - 54 |
| Severe Chronic Heart Disease | 61 | 33 | 12 - 37 | 45 | 20 | 12 - 37 |
| Severe Trauma | 3 | 33 | 2 - 86 | 2 | 0 | 2 - 89 |
| Gastrointestinal Disease | 77 | 1 | 1 - 10 | 87 | 5 | 1 - 14 |
| Gynecologic Disease | 15 | 0 | 0 -100 | 20 | 5 | 0 -100 |
| Low-Risk Heart Disease | 150 | 3 | 1 - 9 | 127 | 5 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 161 | 2 | 1 - 7 | 123 | 4 | 0 - 14 |
| Neuropsychiatric/Sensory Disease | 35 | 3 | 0 - 26 | 36 | 6 | 0 - 46 |
| Urologic Disease | 57 | 0 | 0 - 12 | 52 | 6 | 0 - 65 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 100
Occupancy Rate (%): 72
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 79
Percent of Physicians Who Are Board Certified Specialists: 77
Interns and Residents: 0
Registered Nurses: 96
Licensed Practical Nurses: 29

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

AUBURN FAITH
COMMUNITY
HOSPITAL

11815 Education St.
P.O. Box 8992
Auburn, California 95604
(916) 885-7201

Hospital ID: 050498
October 13, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: 1987 Mortality Data Release

Dear Mrs. Kappert:

Thank you for the opportunity to respond to the 1987 HCFA Mortality Data Release for Auburn Faith Community hospital.

The analysis of this data has included retrospective review for data validity. This data appears to be correct except for one instance of incorrect date of death as follows:

> Case #[redacted] - listed by HCFA as expiring out of the hospital on 11/30/87. Correct expiration date was 11/29/87 within the hospital.

Of 40 actual out of the hospital deaths within 30 days of admission it is important to note that our quality review has identified appropriate discharge planning for each of these cases. Twenty six patients were transferred to skilled nursing facilities or other assisted living environments. Ten patients were discharged home with additional supportive services arranged through local agencies and four patients were discharged home either not desirous of additional services or supported by family.

Any review of these mortality statistics must also consider an overview of the demographics of the population that AFCH serves. Our Medicare experience rate is extremely high as our service area includes a large retirement base. Such patients are complicated by multiple co-morbidities who frequently come to the hospital in both terminal and preterminal stages of their disease processes. AFCH has made a concerted effort to provide comprehensive care and technology to its service population. As a result, our Medical Staff specialists are able to treat complex disease entities. This task does not come without the understanding that such population groups remain vulnerable to the inevitables that modern medicine and technology have yet to conquer.

## AVALON MUNICIPAL HOSP

100 FALLS CANYON RD BOX 1563
AVALON, CA 90704

Medicare Hospital Provider Number: 050427

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 49 | 12 | 10 - 30 | 27 | 4 | 6 - 26 |
| Cancer | 3 | 33 | 13 - 93 | 1 | 0 | 2 -100 |
| Cerebrovascular Accidents | 0 | - | - | 1 | 0 | 1 - 97 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 0 | 0 - 98 |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 7 | 29 | 4 - 69 | 0 | - | - |
| Pulmonary Disease | 7 | 14 | 8 - 65 | 2 | 0 | 0 - 99 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 1 | 0 | 2 - 98 |
| Severe Chronic Heart Disease | 2 | 0 | 6 - 90 | 1 | 100 | 1 - 97 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 8 | 0 | 0 - 98 | 3 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 0 | - | - | 0 | - | - |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 - 92 | 3 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 12 |
| Occupancy Rate (%): | 33 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# AVENAL DISTRICT HOSPITAL

317 ALPINE ST
AVENAL, CA 93204

Medicare Hospital Provider Number: 050019

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 95 | 6 | 6 - 17 | 101 | 6 | 7 - 18 |
| Cancer | 1 | 100 | 0 -100 | 2 | 50 | 8 - 98 |
| Cerebrovascular Accidents | 1 | 0 | 0 -100 | 2 | 0 | 1 - 89 |
| Gastrointestinal Catastrophes | 1 | 0 | 0 - 98 | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 2 | 0 | 1 - 91 | 1 | 0 | 0 -100 |
| Pulmonary Disease | 13 | 0 | 7 - 36 | 12 | 0 | 3 - 37 |
| Renal Failure | 0 | - | - | 1 | 0 | 3 - 98 |
| Severe Acute Heart Disease | 6 | 17 | 8 - 69 | 6 | 33 | 12 - 78 |
| Severe Chronic Heart Disease | 6 | 0 | 5 - 57 | 3 | 33 | 2 - 86 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 9 | 11 | 0 -100 | 5 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 1 | 0 | 0 -100 |
| Low-Risk Heart Disease | 15 | 0 | 0 - 58 | 22 | 0 | 0 - 35 |
| Musculoskeletal/Skin Conditions | 3 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 3 | 0 | 0 -100 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 28 |
| Occupancy Rate (%): | 25 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 6 |
| Percent of Physicians Who Are Board Certified Specialists: | 67 |
| Interns and Residents: | 0 |
| Registered Nurses: | 8 |
| Licensed Practical Nurses: | 6 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## BAKERSFIELD COMMUNITY HOSP

901 OLIVE DR
BAKERSFIELD, CA 93308

Medicare Hospital Provider Number: 050257

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 355 | 17 | 9 - 17 | 402 | 13 | 9 - 16 |
| Cancer | 17 | 47 | 22 - 67 | 11 | 36 | 12 - 65 |
| Cerebrovascular Accidents | 16 | 50 | 12 - 58 | 14 | 14 | 14 - 54 |
| Gastrointestinal Catastrophes | 4 | 25 | 4 - 80 | 6 | 33 | 4 - 73 |
| Infectious Disease | 6 | 17 | 9 - 71 | 5 | 20 | 14 - 80 |
| Metabolic/Electrolyte Disorders | 6 | 33 | 2 - 76 | 13 | 38 | 5 - 59 |
| Pulmonary Disease | 34 | 38 | 10 - 44 | 35 | 31 | 10 - 43 |
| Renal Failure | 1 | 0 | 2 - 97 | 2 | 0 | 7 - 92 |
| Severe Acute Heart Disease | 11 | 55 | 13 - 67 | 17 | 35 | 18 - 62 |
| Severe Chronic Heart Disease | 15 | 27 | 4 - 52 | 20 | 30 | 7 - 48 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 27 | 0 | 0 - 26 | 31 | 3 | 0 - 27 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 51 | 0 | 1 - 11 | 51 | 0 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 21 | 5 | 0 - 84 | 26 | 12 | 0 - 95 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Urologic Disease | 7 | 14 | 0 -100 | 20 | 0 | 0 - 77 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 64
Occupancy Rate (%): 31
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 69
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 0
Registered Nurses: 38
Licensed Practical Nurses: 16

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## BARSTOW COMMUNITY HOSP

555 S 7TH ST
BARSTOW, CA 92311

Medicare Hospital Provider Number: 050298

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 552 | 11 | 8 - 14 | 485 | 12 | 9 - 16 |
| Cancer | 4 | 50 | 5 - 82 | 8 | 75 | 22 - 79 |
| Cerebrovascular Accidents | 18 | 11 | 11 - 44 | 16 | 31 | 11 - 56 |
| Gastrointestinal Catastrophes | 4 | 50 | 3 - 82 | 2 | 50 | 1 - 92 |
| Infectious Disease | 1 | 100 | 3 - 99 | 4 | 75 | 7 - 81 |
| Metabolic/Electrolyte Disorders | 16 | 25 | 7 - 53 | 13 | 23 | 6 - 56 |
| Pulmonary Disease | 58 | 12 | 14 - 35 | 42 | 24 | 11 - 39 |
| Renal Failure | 1 | 100 | 1 - 97 | 1 | 100 | 3 - 99 |
| Severe Acute Heart Disease | 19 | 53 | 15 - 59 | 22 | 23 | 22 - 58 |
| Severe Chronic Heart Disease | 33 | 12 | 11 - 35 | 29 | 28 | 9 - 42 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 49 | 4 | 0 - 35 | 37 | 3 | 0 - 31 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 71 | 0 | 1 - 8 | 54 | 2 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 39 | 3 | 0 - 52 | 40 | 2 | 0 - 35 |
| Neuropsychiatric/Sensory Disease | 11 | 0 | 0 - 96 | 9 | 0 | 0 - 99 |
| Urologic Disease | 37 | 0 | 0 - 32 | 28 | 0 | 0 - 53 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 56 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## BARTON MEMORIAL HOSP

4TH SOUTH STS
SOUTH LAKE TAHOE, CA 95731

Medicare Hospital Provider Number: 050352

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 440 | 9 | 6 - 13 | 374 | 10 | 8 - 15 |
| Cancer | 5 | 100 | 32 - 88 | 1 | 0 | 0 - 98 |
| Cerebrovascular Accidents | 19 | 16 | 8 - 44 | 21 | 24 | 14 - 51 |
| Gastrointestinal Catastrophes | 5 | 40 | 3 - 78 | 2 | 50 | 0 - 94 |
| Infectious Disease | 3 | 0 | 8 - 81 | 1 | 0 | 3 - 99 |
| Metabolic/Electrolyte Disorders | 7 | 14 | 5 - 64 | 11 | 18 | 1 - 61 |
| Pulmonary Disease | 29 | 7 | 9 - 33 | 17 | 24 | 9 - 51 |
| Renal Failure | 0 | - | - | 2 | 0 | 2 - 89 |
| Severe Acute Heart Disease | 21 | 29 | 18 - 56 | 28 | 29 | 21 - 55 |
| Severe Chronic Heart Disease | 29 | 14 | 8 - 36 | 21 | 5 | 12 - 37 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 27 | 4 | 0 - 64 | 18 | 11 | 0 - 99 |
| Gynecologic Disease | 5 | 0 | 0 - 99 | 0 | - | - |
| Low-Risk Heart Disease | 80 | 4 | 0 - 17 | 66 | 3 | 0 - 16 |
| Musculoskeletal/Skin Conditions | 71 | 3 | 0 - 32 | 48 | 0 | 0 - 19 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 -100 | 8 | 25 | 0 - 94 |
| Urologic Disease | 6 | 0 | 0 -100 | 6 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 81
Occupancy Rate (%): 43
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 57
Percent of Physicians Who Are Board Certified Specialists: 72
Interns and Residents: 0
Registered Nurses: 64
Licensed Practical Nurses: 18

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## BAY HARBOR HOSP

1437 W LOMITA BLVD
HARBOR CITY, CA 90710

Medicare Hospital Provider Number: 050066

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,838 | 14 | 10 - 14 | 857 | 19 | 12 - 18 |
| Cancer | 37 | 41 | 24 - 58 | 23 | 43 | 23 - 64 |
| Cerebrovascular Accidents | 76 | 28 | 17 - 38 | 38 | 24 | 16 - 44 |
| Gastrointestinal Catastrophes | 23 | 43 | 19 - 61 | 13 | 46 | 10 - 62 |
| Infectious Disease | 3 | 67 | 7 - 88 | 24 | 33 | 21 - 60 |
| Metabolic/Electrolyte Disorders | 37 | 38 | 13 - 48 | 23 | 22 | 8 - 47 |
| Pulmonary Disease | 136 | 38 | 20 - 39 | 95 | 38 | 18 - 40 |
| Renal Failure | 9 | 67 | 13 - 77 | 5 | 60 | 12 - 86 |
| Severe Acute Heart Disease | 47 | 38 | 25 - 54 | 24 | 46 | 21 - 60 |
| Severe Chronic Heart Disease | 117 | 22 | 16 - 32 | 48 | 27 | 14 - 40 |
| Severe Trauma | 1 | 100 | 0 - 98 | 0 | - | - |
| Gastrointestinal Disease | 100 | 3 | 1 - 11 | 38 | 13 | 0 - 41 |
| Gynecologic Disease | 15 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 228 | 4 | 1 - 8 | 69 | 4 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 144 | 2 | 1 - 8 | 88 | 6 | 0 - 18 |
| Neuropsychiatric/Sensory Disease | 37 | 0 | 1 - 14 | 8 | 0 | 0 - 99 |
| Urologic Disease | 139 | 2 | 0 - 12 | 22 | 9 | 0 - 49 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 353 |
| Occupancy Rate (%): | 71 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 96 |
| Percent of Physicians Who Are Board Certified Specialists: | 59 |
| Interns and Residents: | 0 |
| Registered Nurses: | 126 |
| Licensed Practical Nurses: | 27 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## BEAR VALLEY COMM HOSP

41870 GARSTIN DR
BIG BEAR LAKE, CA 92315

Medicare Hospital Provider Number: 050618

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 63 | 10 | 5 - 21 | 152 | 11 | 6 - 17 |
| Cancer | 0 | - | - | 1 | 100 | 0 -100 |
| Cerebrovascular Accidents | 2 | 0 | 1 - 89 | 9 | 0 | 8 - 46 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 100 | 1 - 97 |
| Infectious Disease | 2 | 100 | 6 - 90 | 3 | 100 | 4 - 79 |
| Metabolic/Electrolyte Disorders | 2 | 0 | 0 - 97 | 3 | 0 | 0 - 90 |
| Pulmonary Disease | 10 | 10 | 6 - 52 | 13 | 23 | 9 - 56 |
| Renal Failure | 1 | 0 | 0 - 98 | 0 | - | - |
| Severe Acute Heart Disease | 4 | 0 | 5 - 71 | 8 | 38 | 11 - 71 |
| Severe Chronic Heart Disease | 4 | 25 | 0 - 88 | 5 | 40 | 2 - 78 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 10 | 10 | 0 -100 | 15 | 0 | 0 - 97 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 6 | 0 | 0 -100 | 22 | 5 | 0 - 91 |
| Musculoskeletal/Skin Conditions | 0 | - | - | 8 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 1 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 80 |
| Occupancy Rate (%): | 64 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# BELLFLOWER DOCTORS HOSPITAL

9542 E ARTESIA BLVD
BELLFLOWER, CA 90706

Medicare Hospital Provider Number: 050531

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 226 | 15 | 7 - 17 | 341 | 11 | 8 - 16 |
| Cancer | 7 | 57 | 9 - 73 | 10 | 30 | 17 - 71 |
| Cerebrovascular Accidents | 4 | 50 | 5 - 82 | 10 | 0 | 11 - 45 |
| Gastrointestinal Catastrophes | 3 | 0 | 7 - 80 | 6 | 17 | 9 - 71 |
| Infectious Disease | 1 | 100 | 0 - 97 | 4 | 0 | 6 - 71 |
| Metabolic/Electrolyte Disorders | 8 | 38 | 1 - 76 | 12 | 17 | 5 - 54 |
| Pulmonary Disease | 33 | 24 | 10 - 41 | 26 | 23 | 10 - 44 |
| Renal Failure | 2 | 50 | 7 - 97 | 6 | 33 | 11 - 81 |
| Severe Acute Heart Disease | 3 | 33 | 8 - 89 | 6 | 33 | 10 - 75 |
| Severe Chronic Heart Disease | 9 | 56 | 7 - 66 | 18 | 56 | 10 - 54 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 18 | 11 | 0 - 94 | 18 | 0 | 0 - 98 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Low-Risk Heart Disease | 26 | 0 | 0 - 29 | 42 | 5 | 0 - 26 |
| Musculoskeletal/Skin Conditions | 19 | 5 | 0 - 73 | 28 | 0 | 0 - 48 |
| Neuropsychiatric/Sensory Disease | 3 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Urologic Disease | 17 | 0 | 0 - 99 | 27 | 4 | 0 - 91 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 163 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## BELLWOOD GEN HOSP

10250 E ARTESIA BLVD
BELLFLOWER, CA 90706

Medicare Hospital Provider Number: 050486

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 917 | 20 | 13 - 19 | 922 | 19 | 13 - 19 |
| Cancer | 14 | 36 | 16 - 65 | 19 | 26 | 14 - 55 |
| Cerebrovascular Accidents | 27 | 41 | 12 - 49 | 37 | 24 | 16 - 45 |
| Gastrointestinal Catastrophes | 13 | 31 | 16 - 66 | 4 | 25 | 3 - 80 |
| Infectious Disease | 35 | 57 | 21 - 56 | 41 | 49 | 24 - 58 |
| Metabolic/Electrolyte Disorders | 13 | 15 | 4 - 52 | 11 | 9 | 10 - 54 |
| Pulmonary Disease | 199 | 36 | 21 - 37 | 175 | 31 | 21 - 39 |
| Renal Failure | 9 | 44 | 15 - 80 | 9 | 44 | 16 - 81 |
| Severe Acute Heart Disease | 18 | 39 | 23 - 67 | 25 | 64 | 24 - 61 |
| Severe Chronic Heart Disease | 31 | 29 | 12 - 45 | 38 | 32 | 12 - 42 |
| Severe Trauma | 0 | - | - | 3 | 0 | 6 - 80 |
| Gastrointestinal Disease | 38 | 0 | 0 - 16 | 52 | 6 | 0 - 25 |
| Gynecologic Disease | 10 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 90 | 2 | 1 - 10 | 99 | 2 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 48 | 6 | 0 - 38 | 62 | 3 | 0 - 21 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 - 99 | 7 | 14 | 0 -100 |
| Urologic Disease | 50 | 0 | 0 - 17 | 39 | 0 | 0 - 27 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 85 |
| Occupancy Rate (%): | 69 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 83 |
| Percent of Physicians Who Are Board Certified Specialists: | 66 |
| Interns and Residents: | 0 |
| Registered Nurses: | 60 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## BEVERLY HILLS MED CTR

1177 S BEVERLY DR
LOS ANGELES, CA 90035

Medicare Hospital Provider Number: 050622

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 467 | 13 | 11 - 18 | 524 | 14 | 11 - 18 |
| Cancer | 2 | 50 | 4 - 93 | 12 | 58 | 24 - 77 |
| Cerebrovascular Accidents | 15 | 53 | 11 - 59 | 19 | 37 | 12 - 54 |
| Gastrointestinal Catastrophes | 3 | 33 | 9 - 90 | 1 | 100 | 2 - 97 |
| Infectious Disease | 8 | 38 | 15 - 75 | 4 | 50 | 14 - 90 |
| Metabolic/Electrolyte Disorders | 9 | 11 | 8 - 58 | 6 | 0 | 10 - 62 |
| Pulmonary Disease | 23 | 22 | 16 - 51 | 29 | 31 | 13 - 48 |
| Renal Failure | 2 | 50 | 7 - 97 | 0 | - | - |
| Severe Acute Heart Disease | 30 | 63 | 28 - 62 | 29 | 55 | 28 - 64 |
| Severe Chronic Heart Disease | 25 | 24 | 14 - 48 | 43 | 16 | 14 - 38 |
| Severe Trauma | 2 | 0 | 4 - 89 | 2 | 50 | 2 - 92 |
| Gastrointestinal Disease | 17 | 0 | 0 - 60 | 15 | 7 | 0 - 71 |
| Gynecologic Disease | 9 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 51 | 2 | 2 - 14 | 46 | 2 | 1 - 18 |
| Musculoskeletal/Skin Conditions | 45 | 2 | 0 - 20 | 55 | 2 | 0 - 34 |
| Neuropsychiatric/Sensory Disease | 32 | 0 | 0 - 65 | 28 | 4 | 0 - 87 |
| Urologic Disease | 12 | 0 | 0 - 86 | 18 | 0 | 0 - 71 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

| | |
|---|---|
| Total Beds (#): | 330 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 1 |
| Registered Nurses: | 44 |
| Licensed Practical Nurses: | 16 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## BEVERLY HOSPITAL

309 W BEVERLY BLVD
MONTEBELLO, CA 90640

Medicare Hospital Provider Number: 050350

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,864 | 13 | 11 - 16 | 1,912 | 15 | 11 - 16 |
| Cancer | 32 | 28 | 28 - 61 | 50 | 52 | 26 - 56 |
| Cerebrovascular Accidents | 84 | 19 | 18 - 37 | 100 | 26 | 19 - 38 |
| Gastrointestinal Catastrophes | 19 | 37 | 18 - 62 | 21 | 52 | 23 - 67 |
| Infectious Disease | 43 | 51 | 21 - 54 | 30 | 47 | 19 - 57 |
| Metabolic/Electrolyte Disorders | 33 | 42 | 14 - 51 | 32 | 44 | 18 - 55 |
| Pulmonary Disease | 109 | 28 | 18 - 38 | 119 | 29 | 19 - 38 |
| Renal Failure | 5 | 0 | 5 - 70 | 6 | 83 | 11 - 78 |
| Severe Acute Heart Disease | 92 | 43 | 29 - 51 | 82 | 48 | 29 - 53 |
| Severe Chronic Heart Disease | 128 | 22 | 16 - 32 | 114 | 24 | 18 - 35 |
| Severe Trauma | 4 | 25 | 3 - 80 | 2 | 0 | 3 - 88 |
| Gastrointestinal Disease | 103 | 4 | 1 - 12 | 122 | 2 | 1 - 9 |
| Gynecologic Disease | 27 | 0 | 0 -100 | 22 | 5 | 0 - 58 |
| Low-Risk Heart Disease | 258 | 4 | 2 - 7 | 263 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 160 | 2 | 1 - 7 | 170 | 3 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 21 | 5 | 0 - 58 | 31 | 10 | 0 - 49 |
| Urologic Disease | 103 | 2 | 0 - 18 | 70 | 1 | 1 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 212 |
| Occupancy Rate (%): | 64 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 142 |
| Percent of Physicians Who Are Board Certified Specialists: | 67 |
| Interns and Residents: | 0 |
| Registered Nurses: | 199 |
| Licensed Practical Nurses: | 71 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

309 WEST BEVERLY BOULEVARD, MONTEBELLO, CALIFORNIA 90640 • PHONE (213) 726-1222 • 723-0951

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert,

The recent decision by HCFA to publish hospital mortality rates is strongly objected to by this Medical Staff. A higher mortality rate would imply to the lay public that a facility was somehow below standard. The density of surrounding Convalescent Hospitals, the socio-economic class of the neighborhood, and other factors which influence the severity of illness and prognosis at the time of admission more directly relate to the mortality rate that the effectiveness and quality of the medical facility.

Publishing this data we feel is counter-productive and the manner in which this data is used by the media has negated any positive benefits.

We hope that this policy will be reversed as soon as it is possible.

Very truly yours,

Daniel Honigman, M.D., Chairman
DRG/Utilization Review Committee

cc: Administrator
Q.A. Coordinator
U.R. Coordinator

ACCREDITED BY THE JOINT COMMISSION ON ACCREDITATION OF HOSPITALS

# BIGGS-GRIDLEY MEM HOSP

240 SPRUCE ST
GRIDLEY, CA 95948

Medicare Hospital Provider Number: 050404

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 325 | 13 | 10 - 18 | 297 | 16 | 10 - 19 |
| Cancer | 6 | 33 | 15 - 81 | 9 | 78 | 24 - 77 |
| Cerebrovascular Accidents | 14 | 43 | 12 - 61 | 11 | 0 | 15 - 47 |
| Gastrointestinal Catastrophes | 6 | 33 | 11 - 78 | 7 | 14 | 14 - 70 |
| Infectious Disease | 2 | 0 | 3 - 88 | 1 | 100 | 0 - 97 |
| Metabolic/Electrolyte Disorders | 7 | 0 | 3 - 54 | 9 | 22 | 2 - 65 |
| Pulmonary Disease | 37 | 16 | 16 - 43 | 45 | 36 | 13 - 43 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 15 | 40 | 15 - 62 | 12 | 33 | 18 - 69 |
| Severe Chronic Heart Disease | 19 | 26 | 8 - 48 | 13 | 23 | 8 - 55 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 33 | 0 | 0 - 29 | 26 | 8 | 0 - 63 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 42 | 0 | 1 - 12 | 34 | 3 | 0 - 27 |
| Musculoskeletal/Skin Conditions | 17 | 0 | 0 - 44 | 25 | 8 | 0 - 84 |
| Neuropsychiatric/Sensory Disease | 13 | 0 | 0 - 98 | 7 | 0 | 0 -100 |
| Urologic Disease | 13 | 0 | 0 - 89 | 12 | 0 | 0 - 94 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 55 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## BLOSS MEMORIAL HOSPITAL

1691 3RD ST
ATWATER, CA 95301

Medicare Hospital Provider Number: 050436

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 205 | 23 | 9 - 21 | 207 | 16 | 8 - 19 |
| Cancer | 5 | 60 | 16 - 86 | 3 | 33 | 4 - 86 |
| Cerebrovascular Accidents | 12 | 50 | 6 - 60 | 13 | 38 | 7 - 58 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 5 | 60 | 11 - 82 | 7 | 71 | 13 - 75 |
| Metabolic/Electrolyte Disorders | 6 | 33 | 2 - 74 | 2 | 50 | 0 - 97 |
| Pulmonary Disease | 21 | 33 | 11 - 51 | 20 | 20 | 15 - 52 |
| Renal Failure | 2 | 100 | 5 - 90 | 0 | - | - |
| Severe Acute Heart Disease | 7 | 57 | 13 - 76 | 4 | 0 | 9 - 73 |
| Severe Chronic Heart Disease | 10 | 40 | 5 - 63 | 13 | 31 | 8 - 57 |
| Severe Trauma | 1 | 100 | 0 - 97 | 0 | - | - |
| Gastrointestinal Disease | 9 | 11 | 0 - 99 | 11 | 0 | 0 - 96 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 23 | 9 | 0 - 74 | 24 | 17 | 0 - 72 |
| Musculoskeletal/Skin Conditions | 17 | 6 | 0 - 90 | 19 | 5 | 0 - 99 |
| Neuropsychiatric/Sensory Disease | 7 | 14 | 0 -100 | 9 | 0 | 0 -100 |
| Urologic Disease | 11 | 9 | 0 - 96 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 23 |
| Occupancy Rate (%): | 39 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 16 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 18 |
| Licensed Practical Nurses: | 6 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## BREA COMMUNITY HOSP

380 W CENTRAL AVE
BREA, CA 92621

Medicare Hospital Provider Number: 050592

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 990 | 12 | 10 - 15 | 919 | 12 | 9 - 15 |
| Cancer | 25 | 52 | 25 - 64 | 32 | 34 | 21 - 56 |
| Cerebrovascular Accidents | 37 | 8 | 16 - 37 | 31 | 32 | 14 - 47 |
| Gastrointestinal Catastrophes | 14 | 50 | 20 - 70 | 18 | 28 | 13 - 56 |
| Infectious Disease | 21 | 24 | 18 - 57 | 13 | 23 | 18 - 65 |
| Metabolic/Electrolyte Disorders | 5 | 60 | 13 - 84 | 16 | 38 | 11 - 58 |
| Pulmonary Disease | 54 | 30 | 17 - 44 | 55 | 25 | 16 - 41 |
| Renal Failure | 10 | 10 | 12 - 67 | 7 | 29 | 14 - 81 |
| Severe Acute Heart Disease | 32 | 53 | 24 - 59 | 21 | 48 | 19 - 61 |
| Severe Chronic Heart Disease | 47 | 17 | 12 - 35 | 51 | 18 | 14 - 36 |
| Severe Trauma | 1 | 100 | 2 - 97 | 2 | 0 | 1 - 90 |
| Gastrointestinal Disease | 76 | 4 | 1 - 15 | 59 | 5 | 0 - 26 |
| Gynecologic Disease | 16 | 0 | 0 -100 | 15 | 0 | 0 -100 |
| Low-Risk Heart Disease | 120 | 2 | 2 - 8 | 109 | 3 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 101 | 2 | 0 - 12 | 98 | 4 | 0 - 19 |
| Neuropsychiatric/Sensory Disease | 12 | 0 | 0 - 96 | 7 | 0 | 0 -100 |
| Urologic Disease | 37 | 3 | 0 - 62 | 47 | 0 | 0 - 26 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 162 |
| Occupancy Rate (%): | 41 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 291 |
| Percent of Physicians Who Are Board Certified Specialists: | 58 |
| Interns and Residents: | 0 |
| Registered Nurses: | 110 |
| Licensed Practical Nurses: | 14 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Brea
Community
Hospital

Health Standards & Quality Bureau, HCFA,
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

ID: 050592
Brea.

Oct. 23 1988

Thank you for the opportunity to respond to your request for information on the mortality data forwarded to us. Enclosed please find an evaluation of the cases by Quality Assurance which should prove helpful to you.
In the category of "Severe Acute Heart Disease" please find further information on four cases which will indicate they inadvertently must have been placed in the wrong category.

Also enclosed, please find accompanying material for release to the public as indicated in your letter. If we can be of further assistance, please let me know,

Yours sincerely,

R.G.Hepworth MD, FRCSC, FACS
Medical Affairs Physician

380 West Central Avenue
Brea, California 92621
714 529-0211
213 694-1821
818 332-2158

Brea
Community
Hospital

# MORTALITY DATA
ID: 050592

Reference is made to the diagnostic categories in the Medicare Hospital Mortality Information for the calendar year 1987 showing cases and the per cent mortality rate as determined by HCFA.

All deaths are reviewed by Quality Assurance processes at the hospital and data subsequent to death is often assimilated. Such material is made available to HCFA at the time this report is generated.

Referring to specific categories:
CANCER : the 52% mortality is represented by the following categories representing actual numbers:

| | |
|---|---|
| Terminal on Admission | 6 |
| Widespread Malignancy on admission | 2 |
| Multiple malignancy | 1 |
| Other accompanying diseases leading to death | 2 |

GASTROINTESTINAL CATASTROPHES

| | |
|---|---|
| Malignant Disease | 2 |
| Hepatic Failure/Cirrhosis | 3 |
| Total Bowel Gangrene on admission | 2 |
| Unrelated to GI (Myocardial Infarction) | 1 |

PULMONARY DISEASE

| | |
|---|---|
| Complications accompanying the Pulmonary Disease | 6 |
| Family Request for "No Code" | 2 |
| Accompanying malignant disease | 3 |

CEREBROVASCULAR DISEASE

| | |
|---|---|
| Unresponsive when admitted | 2 |
| Cardiovasc. disease/Convulsions | 1 |

LOW-RISK HEART DISEASE

| | |
|---|---|
| Serious other conditions contributing to death | 1 |
| Family request "No Code" | 1 |
| Expired elsewhere, cause unknown | 1 |

METABOLIC & ELECTROLYTE DISTURBANCES

| | |
|---|---|
| Accompanying Malignant disease | 1 |
| Discharged improved/died elsewhere | 1 |

SEVERE TRAUMA

One case. Patient aged 85 had subdural hematoma evacuated but had serious heart disease as well.

380 West Central Avenue
Brea, California 92621
714 529-0211
213 694-1821
818 332-2158

ID # 050592

Brea
Community
Hospital

| | | |
|---|---|---|
| INFECTIOUS DISEASES | | |
| | Metastatic Malignant Disease accompanied infection | 2 |
| | Other metabolic disease accelerated death | 1 |
| | Family requested "No Code" | 1 |
| RENAL FAILURE | | |
| | Multiple other diseases including cardio-vascular disease | 1 |
| SEVERE CHRONIC HEART DISEASE | | |
| | End - stage heart disease on admission | 5 |
| | Patient refused care | 1 |
| | Family requested "No Code" | 1 |
| SEVERE ACUTE HEART DISEASE | | |
| | Admitted comatose after CPR outside the hospital | 6 |
| | Unrelated to heart disease | 4 |
| | Previous serious heart disease | 2 |
| | Other accompanying diseases | 3 |
| | Family requested "No Code" | 1 |

The above represent all the cases reduced to a percentage figure labelled "Actual Mortality Rate (%)" in the HCFA report. Those reading the percentage mortality rates should be cautioned they maybe misleading as is, for example, our own in "SEVERE TRAUMA" where we treated one patient only who died and our mortality rate is reported as 100%.

Presented on behalf of Brea Community Hospital, 380 West Central Ave., Brea Ca 92621.

R. G. Hepworth.

R.G.Hepworth MD, FRCSC, FACS

380 West Central Avenue
Brea, California 92621
714 529-0211
213 694-1821
818 332-2158

## BROOKSIDE HOSP

2000 VALE RD
SAN PABLO, CA 94806

Medicare Hospital Provider Number: 050079

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,753 | 16 | 11 - 16 | 1,699 | 16 | 11 - 16 |
| Cancer | 56 | 39 | 26 - 54 | 55 | 42 | 29 - 58 |
| Cerebrovascular Accidents | 96 | 24 | 17 - 36 | 84 | 27 | 17 - 37 |
| Gastrointestinal Catastrophes | 15 | 33 | 12 - 61 | 26 | 46 | 18 - 59 |
| Infectious Disease | 42 | 33 | 20 - 52 | 24 | 42 | 20 - 61 |
| Metabolic/Electrolyte Disorders | 26 | 35 | 10 - 50 | 30 | 23 | 13 - 47 |
| Pulmonary Disease | 87 | 45 | 17 - 40 | 87 | 34 | 16 - 39 |
| Renal Failure | 18 | 28 | 12 - 66 | 7 | 43 | 11 - 80 |
| Severe Acute Heart Disease | 75 | 41 | 27 - 51 | 63 | 46 | 28 - 54 |
| Severe Chronic Heart Disease | 109 | 27 | 16 - 34 | 126 | 21 | 16 - 32 |
| Severe Trauma | 2 | 50 | 0 - 95 | 4 | 50 | 2 - 83 |
| Gastrointestinal Disease | 96 | 4 | 1 - 13 | 80 | 7 | 0 - 25 |
| Gynecologic Disease | 18 | 0 | 0 -100 | 17 | 0 | 0 -100 |
| Low-Risk Heart Disease | 175 | 4 | 2 - 9 | 168 | 5 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 152 | 6 | 0 - 15 | 126 | 6 | 0 - 14 |
| Neuropsychiatric/Sensory Disease | 33 | 3 | 0 - 29 | 32 | 3 | 0 - 36 |
| Urologic Disease | 45 | 2 | 0 - 62 | 52 | 2 | 0 - 19 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 222 |
| Occupancy Rate (%): | 55 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 118 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 0 |
| Registered Nurses: | 247 |
| Licensed Practical Nurses: | 41 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

DIRECTORS
KEVIN GERAGHTY, M.D.
President
BETTYE J. CASH
Vice President
JUDITH COLEMAN
Secretary
VERNON T. ARCHIBALD, M.D.
Treasurer
JANE BEAM WOOD
Assistant Secretary

BROOKSIDE HOSPITAL

JOHN P. FRIEL
Chief Executive Officer

October 21, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Hospital Mortality Information
6325 Security Blvd.
Baltimore, Maryland 21207

Gentlemen:

In response to the release of the 1987 data on hospital Medicare mortality rates, Brookside Hospital is pleased that the high quality of care provided to our community is reflected in the results of your study. The hospital's mortality rates for all but one of the diagnostic categories studied were within the predicted mortality ranges. In 11 categories, Brookside's mortality rate was below the mid-point of the predicted range. Further, in 8 of the 16 categories studied, Brookside Hospital's mortality rates for 1987 were lower than the rates for 1986 and in 5 categories identical with 1986 rates.

Hospital Background Information

Brookside Hospital offers programs to the community which attract seriously-ill and terminal patients , and treats a high volume of cardiovascular, oncology, end-stage lung and renal disease patients. In addition, the hospital maintains a Regional Burn Center, Coronary Care Unit, Surgical Intensive Care Unit, Medical Intensive Care Unit, and an Oncology Unit. Brookside is licensed for 246 beds of which 31 are delegated skilled-nursing-facility beds.

Discussion of Brookside-Specific Data

In the process of reviewing your data we have identified a few corrections that should be made to more accurately reflect Brookside Hospital's situation:

1. Brookside Hospital has 246 beds, not 127 as reported.
2. The occupancy for the period July, 1987 through June, 1988 was 53.9 percent, rather than 45 percent.
3. The number of RNs and LVNs per bed should be recalculated using the 246-bed figure.

West Contra Costa Hospital District 2000 Vale Road, San Pablo, CA 94806 (415) 235-7000

The following factors are relevant to an understanding of Brookside's mortality rate for the pulmonary disease category (the single category in which Brookside's rate was outside the predicted range).

1. While the predicted mortality rate for the pulmonary disease category increased only 1 percent from 1986 to 1987, the severity of the cases examined in the 1987 sample was substantially greater than those reviewed in 1986. Specifically, the less severe diagnoses, including COPD, Bronchitis, Asthma, Pulmonary Embolism, and Pulmonary Hypertension cases were not included in this category in 1987.

2. Of the 36 Pulmonary Disease Category deaths that occurred at Brookside Hospital, 23, or 64 percent, were designated as "No Code" cases. Further, the designation, "No Code", was made on the day of admission in 17, or 74 percent, of these cases. In addition, 17, or 47 percent, of the patients who expired in the hospital were admitted directly from a skilled nursing facility, and 24, or 67 percent, of these patients were hospitalized in the Critical Care Unit for part or all of their stay. Of the 36 patients who expired, 32, or 89 percent, had other comorbid conditions, further reflecting the greater severity level of this patient population.

We believe the above factors should be taken into consideration in evaluating the pulmonary mortality rate.

Our Medical Staff committees monitor all deaths in our facility on an ongoing basis as a part of our quality assurance program, providing us with a mechanism to ensure that we continue to meet and exceed quality care standards. Please be assured of our continued interest in working with HCFA and other agencies concerned with quality care in the interests of the patients and community we serve.

Thank you for permitting us this opportunity to respond to the 1987 study.

Sincerely,

BMWoerman

Barry Woerman
Senior Vice President, Operations

Sharon Drager, M.D.
Chief of Staff

BW:SD:jd

## BROTMAN MEDICAL CENTER

3828 DELMAS TERRACE
CULVER CITY, CA 90230

Medicare Hospital Provider Number: 050144

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,376 | 14 | 11 - 16 | 2,704 | 14 | 12 - 16 |
| Cancer | 81 | 41 | 31 - 56 | 94 | 31 | 31 - 54 |
| Cerebrovascular Accidents | 96 | 27 | 17 - 36 | 137 | 34 | 19 - 37 |
| Gastrointestinal Catastrophes | 26 | 35 | 20 - 59 | 19 | 37 | 16 - 61 |
| Infectious Disease | 42 | 52 | 23 - 56 | 47 | 38 | 18 - 50 |
| Metabolic/Electrolyte Disorders | 60 | 33 | 13 - 42 | 58 | 31 | 13 - 42 |
| Pulmonary Disease | 147 | 31 | 19 - 37 | 173 | 29 | 21 - 38 |
| Renal Failure | 18 | 39 | 8 - 65 | 7 | 29 | 11 - 78 |
| Severe Acute Heart Disease | 101 | 47 | 31 - 52 | 126 | 45 | 31 - 51 |
| Severe Chronic Heart Disease | 98 | 17 | 16 - 33 | 131 | 16 | 18 - 32 |
| Severe Trauma | 1 | 100 | 0 - 99 | 9 | 44 | 6 - 68 |
| Gastrointestinal Disease | 104 | 10 | 1 - 16 | 136 | 2 | 1 - 8 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 278 | 5 | 2 - 8 | 309 | 4 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 172 | 2 | 1 - 7 | 194 | 2 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 122 | 3 | 1 - 11 | 112 | 2 | 1 - 9 |
| Urologic Disease | 105 | 1 | 0 - 11 | 121 | 0 | 1 - 6 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 566 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 138 |
| Licensed Practical Nurses: | 26 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

BROTMAN
MEDICAL
CENTER

October 27, 1988

Health Standards and Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to respond to HCFA's release of hospital mortality rates for 1987. Brotman Medical Center is pleased that our results continue to fall within the predicted range in every single category.

Nearly 37% of all 1987 admissions to Brotman Medical Center came through our Emergency Department, the area's Paramedic Base Station. In the five categories, of sixteen total, that fell above the midpoint of the predicted ranges, over 70% of the patients who expired were admitted through the Emergency Department in urgent or critical condition.

In 1986, we found that over 40% of the deaths in the category "Severe Acute Heart Disease" occured within the first 24 hours of hospitalization. In 1987, this percentage increased to 51%. The 1987 closing of several local Trauma Centers coincides with this increase. The average age of all patients admitted in this category was 74. The average age of those who expired was 78, with those who expired within the first 24 hours averaging age 77 and those who subsequently expired averaging 80 years of age.

The average age of patients who expired in the Infections Disease Category was 80. In the category Metabolic/Electrolyte Disturbances the average age of those who expired was 81. If the deaths in the category Pulmonary disease the average age was over 83.

Renal Failure only had 18 cases with 7 deaths. Of these deaths 4 had Acute Renal Failure. These averaged 80 years of age. The remaining 3 cases averaged only 62 years of age, but the principal diagnosis was Chronic Renal Failure.

3828 Delmas Terrace
Culver City, CA 90231-2459

An Affiliate of
HEALTHTRUST
INC. The Hospital Company

While Brotman falls within the predicted ranges of all categories, our indepth review of the HCFA data and Mortality Committee findings profiles a population that is elderly (generally over 80), frequently referred to our Emergency Depratment from Nursing Homes in a debilitated condition and with extensive comorbidity not accounted for in the predicted mortality ranges.

Very Truly Yours,

George Scholnick, MD

George Scholnick, M.D.
Director, Medical Staff
Brotman Medical Center

GS/jvk

# BUENA PARK COMMUNITY HOSPITAL

6850 LINCOLN AVENUE
BUENA PARK, CA 90620

Medicare Hospital Provider Number: 050253

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 136 | 15 | 9 - 22 | 165 | 18 | 11 - 23 |
| Cancer | 3 | 33 | 3 - 86 | 6 | 0 | 12 - 62 |
| Cerebrovascular Accidents | 8 | 25 | 6 - 65 | 4 | 25 | 5 - 80 |
| Gastrointestinal Catastrophes | 3 | 33 | 6 - 87 | 3 | 0 | 5 - 79 |
| Infectious Disease | 2 | 50 | 2 - 92 | 1 | 100 | 3 - 99 |
| Metabolic/Electrolyte Disorders | 3 | 0 | 2 - 80 | 1 | 100 | 3 - 98 |
| Pulmonary Disease | 8 | 50 | 6 - 69 | 20 | 15 | 10 - 45 |
| Renal Failure | 3 | 0 | 4 - 81 | 4 | 50 | 10 - 88 |
| Severe Acute Heart Disease | 10 | 60 | 19 - 74 | 14 | 71 | 18 - 64 |
| Severe Chronic Heart Disease | 9 | 22 | 3 - 61 | 8 | 0 | 11 - 51 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 8 | 0 | 0 -100 | 15 | 0 | 1 - 37 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 15 | 0 | 0 - 80 | 22 | 0 | 0 - 38 |
| Musculoskeletal/Skin Conditions | 15 | 7 | 0 - 69 | 10 | 10 | 0 - 99 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Urologic Disease | 1 | 0 | 0 -100 | 5 | 40 | 0 - 96 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1983

| | |
|---|---|
| Total Beds (#): | 66 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 40 |
| Licensed Practical Nurses: | 27 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## BUENA PARK DOCTORS HOSPITAL

5742 BEACH BLVD
BUENA PARK, CA 90620

Medicare Hospital Provider Number: 050431

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 94 | 7 | 5 - 17 | 101 | 6 | 5 - 16 |
| Cancer | 1 | 0 | 0 - 97 | 2 | 50 | 3 - 92 |
| Cerebrovascular Accidents | 1 | 0 | 0 - 98 | 2 | 0 | 0 - 92 |
| Gastrointestinal Catastrophes | 1 | 100 | 1 - 97 | 1 | 0 | 0 - 98 |
| Infectious Disease | 1 | 0 | 0 - 99 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 3 | 0 | 3 - 79 | 0 | - | - |
| Pulmonary Disease | 6 | 17 | 3 - 69 | 12 | 8 | 10 - 50 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 5 | 40 | 11 - 81 | 0 | - | - |
| Severe Chronic Heart Disease | 1 | 0 | 1 - 97 | 7 | 29 | 3 - 69 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 8 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 9 | 0 | 0 -100 | 14 | 0 | 0 - 54 |
| Musculoskeletal/Skin Conditions | 16 | 0 | 0 - 96 | 13 | 0 | 0 - 96 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Urologic Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 58 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## BURBANK COMM HOSP

466 E OLIVE AVE
BURBANK, CA 91501

Medicare Hospital Provider Number: 050080

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 494 | 16 | 10 - 17 | 601 | 17 | 10 - 17 |
| Cancer | 6 | 67 | 11 - 77 | 11 | 45 | 13 - 67 |
| Cerebrovascular Accidents | 21 | 38 | 14 - 54 | 21 | 43 | 13 - 55 |
| Gastrointestinal Catastrophes | 5 | 80 | 4 - 74 | 5 | 60 | 12 - 83 |
| Infectious Disease | 6 | 33 | 11 - 77 | 11 | 45 | 13 - 68 |
| Metabolic/Electrolyte Disorders | 15 | 7 | 8 - 45 | 20 | 35 | 7 - 52 |
| Pulmonary Disease | 45 | 29 | 17 - 45 | 55 | 36 | 17 - 44 |
| Renal Failure | 2 | 100 | 10 - 94 | 4 | 50 | 11 - 89 |
| Severe Acute Heart Disease | 23 | 78 | 25 - 60 | 19 | 53 | 21 - 64 |
| Severe Chronic Heart Disease | 15 | 33 | 9 - 56 | 34 | 18 | 14 - 42 |
| Severe Trauma | 0 | - | - | 2 | 0 | 2 - 89 |
| Gastrointestinal Disease | 25 | 16 | 0 - 80 | 32 | 6 | 0 - 46 |
| Gynecologic Disease | 10 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 55 | 0 | 1 - 10 | 73 | 7 | 0 - 20 |
| Musculoskeletal/Skin Conditions | 71 | 3 | 1 - 13 | 79 | 3 | 0 - 20 |
| Neuropsychiatric/Sensory Disease | 12 | 0 | 0 -100 | 19 | 0 | 0 - 98 |
| Urologic Disease | 16 | 0 | 0 - 85 | 23 | 0 | 0 - 76 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 103 |
| Occupancy Rate (%): | 48 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 137 |
| Percent of Physicians Who Are Board Certified Specialists: | 64 |
| Interns and Residents: | 6 |
| Registered Nurses: | 44 |
| Licensed Practical Nurses: | 13 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CALEXICO HOSPITAL

450 BIRCH ST
CALEXICO, CA 92231

Medicare Hospital Provider Number: 050387

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 150 | 11 | 7 - 18 | 158 | 11 | 7 - 18 |
| Cancer | 1 | 0 | 1 - 97 | 2 | 100 | 2 - 89 |
| Cerebrovascular Accidents | 2 | 50 | 1 - 93 | 6 | 17 | 2 - 69 |
| Gastrointestinal Catastrophes | 1 | 100 | 1 - 97 | 2 | 100 | 1 - 90 |
| Infectious Disease | 0 | - | - | 2 | 0 | 3 - 88 |
| Metabolic/Electrolyte Disorders | 1 | 100 | 0 - 98 | 8 | 0 | 3 - 51 |
| Pulmonary Disease | 13 | 0 | 11 - 39 | 19 | 21 | 8 - 47 |
| Renal Failure | 0 | - | - | 1 | 100 | 3 - 99 |
| Severe Acute Heart Disease | 8 | 75 | 20 - 77 | 6 | 83 | 20 - 80 |
| Severe Chronic Heart Disease | 12 | 17 | 6 - 52 | 7 | 0 | 6 - 52 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 16 | 6 | 0 - 99 | 13 | 8 | 0 - 99 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 31 | 0 | 1 - 17 | 21 | 0 | 0 - 29 |
| Musculoskeletal/Skin Conditions | 9 | 0 | 0 - 94 | 11 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Urologic Disease | 2 | 0 | 0 -100 | 3 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 34 |
| Occupancy Rate (%): | 24 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CALIFORNIA HOSPITAL MEDICAL CTR

1414 S HOPE ST
LOS ANGELES, CA 90015

Medicare Hospital Provider Number: 050149

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,939 | 16 | 11 - 16 | 1,544 | 15 | 11 - 16 |
| Cancer | 89 | 42 | 30 - 54 | 67 | 54 | 29 - 56 |
| Cerebrovascular Accidents | 113 | 25 | 15 - 33 | 87 | 23 | 18 - 38 |
| Gastrointestinal Catastrophes | 45 | 36 | 15 - 48 | 23 | 22 | 13 - 51 |
| Infectious Disease | 38 | 55 | 19 - 53 | 18 | 17 | 20 - 59 |
| Metabolic/Electrolyte Disorders | 26 | 27 | 10 - 48 | 38 | 32 | 10 - 44 |
| Pulmonary Disease | 73 | 32 | 16 - 40 | 62 | 47 | 18 - 44 |
| Renal Failure | 14 | 43 | 13 - 71 | 8 | 38 | 14 - 80 |
| Severe Acute Heart Disease | 90 | 38 | 27 - 49 | 71 | 35 | 28 - 51 |
| Severe Chronic Heart Disease | 131 | 18 | 15 - 30 | 106 | 12 | 17 - 32 |
| Severe Trauma | 3 | 33 | 1 - 88 | 3 | 0 | 8 - 82 |
| Gastrointestinal Disease | 93 | 4 | 2 - 12 | 81 | 4 | 0 - 15 |
| Gynecologic Disease | 12 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 156 | 5 | 1 - 10 | 137 | 6 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 153 | 1 | 1 - 6 | 143 | 3 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 53 | 0 | 0 - 12 | 31 | 0 | 0 - 47 |
| Urologic Disease | 71 | 4 | 0 - 47 | 39 | 0 | 0 - 22 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 327 |
| Occupancy Rate (%): | 64 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 165 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 31 |
| Registered Nurses: | 233 |
| Licensed Practical Nurses: | 18 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

CALIFORNIA MEDICAL CENTER
LOS ANGELES

Terry A. Belmont
President & Executive Director

Hospital Identification Number: 050149

October 21, 1988

Mrs. Sandra Kappert
HEALTH STANDARDS AND QUALITY BUREAU, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Community:

We would like to take this opportunity to comment on the mortality data release by the Health Care Financing Administration (HCFA).

California Medical Center is an acute care, teaching hospital based in the central City of Los Angeles. We offer comprehensive cancer care, 24-hour emergency services designated as the "first hour" emergency care facility by the American Heart Association, specialized obstetrics and gynecologic care, including high-risk pregnancy, neonatal and intensive care services, orthopedic surgery, rehabilitative medicine, cardiology and general medicine and surgery. Many of our patients have illnesses that can be considered severe. A substantial portion of our patients are elderly and come from an area of the city that is considered under served in terms of preventive medicine. This often results in patients having more severe illnesses or advanced stages of illnesses when they are hospitalized at California Medical Center.

The HCFA mortality data has been carefully reviewed by me, along with the other administrators, the Chief of Medical Staff, Administrative Director of Utilization Review and Quality Assurance, Director of Medical Records and our Director of Nursing. In sixteen of the seventeen diagnostic categories, our mortality rates fall within the predicted ranges and in several categories are in the lower end of the spectrum. In the category of infectious diseases, our rate is slightly above the predicted range. In previous years we have been within the range in this category and review of the cases for this year indicates that quality care was given. We feel that this number is a statistical variation than can occur in any category throughout the years.

1401 South Grand Avenue Los Angeles California 90015 Telephone 213 748 2411

To put this in perspective, we would like to give you some background about the mortality review process at California Medical Center:

> The medical staff conducts review of the medical records of patients who expire, looking at overall medical management and care;
>
> Mortality review is an ongoing process of the attending medical staff;
>
> Review is also part of the ongoing process of the Quality Assurance Program and peer review activities as an integral part of the monitoring of health care delivery at our medical center.

Our mission is to consistently provide high quality health care. We share your concern about the care that you receive by health care providers and we also support your right to know how well this care is managed. To that end, as I stated earlier, we do examine mortality data on an ongoing basis as part of the peer review and quality assurance processes. We also take several other steps to ensure quality care.

These quality assurance steps include attaining accreditation from the Joint Commission. The California Medical Center is fully accredited which demonstrates our organization's "commitment to quality patient/ client care." We also recruit and retain the most highly skilled medical and nursing professionals in the region. California Medical Center has also substantially increased its community education program with an emphasis on preventive medicine. The community outreach program includes health fairs, perinatal classes and prevention of prematurity classes along with health and fitness programs for seniors. We also continue to invest resources in the latest advances in diagnostic and treatment technology.

We are proud to have been part of this community for over 100 years. As has always been our practice, we will continue to review our health care services in an effort to consistently provide quality care.

Thank you for this opportunity to present these comments.

Sincerely,

Terry A. Belmont

Terry A. Belmont
President and Executive Director

Kenneth L. Senter

Kenneth L. Senter, M.D.
Chief of Medical Staff

## CAMARILLO STATE HOSP

1878 LEWIS ROAD
CAMARILLO, CA 93010

Medicare Hospital Provider Number: 050666

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 64 | 2 | 3 - 13 | 59 | 7 | 4 - 19 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 2 | 0 | 0 - 95 | 2 | 100 | 6 - 90 |
| Pulmonary Disease | 14 | 0 | 6 - 34 | 15 | 7 | 8 - 42 |
| Renal Failure | 0 | - | - | 1 | 0 | 0 -100 |
| Severe Acute Heart Disease | 1 | 0 | 2 - 97 | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 2 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 2 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 7 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 4 | 0 | 0 -100 | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

| | |
|---|---|
| Total Beds (#): | 1,503 |
| Ownership/Control: | State Government |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 21 |
| Licensed Practical Nurses: | 5 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CANOGA PARK HOSPITAL

20800 SHERMAN WAY
CANOGA PARK, CA 91306

Medicare Hospital Provider Number: 050229

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 357 | 17 | 9 - 18 | 464 | 21 | 11 - 19 |
| Cancer | 11 | 73 | 16 - 67 | 3 | 67 | 1 - 87 |
| Cerebrovascular Accidents | 9 | 22 | 9 - 63 | 14 | 29 | 11 - 58 |
| Gastrointestinal Catastrophes | 3 | 33 | 4 - 86 | 2 | 0 | 1 - 92 |
| Infectious Disease | 10 | 30 | 12 - 66 | 13 | 38 | 14 - 65 |
| Metabolic/Electrolyte Disorders | 4 | 25 | 0 - 88 | 6 | 0 | 10 - 62 |
| Pulmonary Disease | 40 | 57 | 15 - 47 | 53 | 47 | 19 - 48 |
| Renal Failure | 4 | 50 | 7 - 86 | 5 | 20 | 4 - 78 |
| Severe Acute Heart Disease | 12 | 58 | 20 - 71 | 27 | 56 | 25 - 62 |
| Severe Chronic Heart Disease | 16 | 19 | 9 - 50 | 16 | 25 | 9 - 52 |
| Severe Trauma | 0 | - | - | 1 | 0 | 1 - 97 |
| Gastrointestinal Disease | 27 | 7 | 0 - 79 | 23 | 9 | 0 - 98 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 44 | 2 | 0 - 20 | 58 | 2 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 24 | 4 | 0 - 97 | 23 | 9 | 0 - 94 |
| Neuropsychiatric/Sensory Disease | 11 | 0 | 0 - 96 | 17 | 0 | 0 - 86 |
| Urologic Disease | 13 | 0 | 0 -100 | 15 | 0 | 0 - 91 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 72 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 42 |
| Licensed Practical Nurses: | 9 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

MEDICARE # 05-0229

**Canoga Park Hospital**
20800 Sherman Way
Canoga Park, CA 91306
(818) 348-0200

**Barbara Meyers,**
Administrator

Member of:
California Hospital Association
Western Hospital Association
Hospital Council of Southern California
Accredited: J.C.A.H.

October 23, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building,2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Attn: Sandra Kappert

Dear Mrs. Kappert:

In the 1987 HCFA Mortality Report, Canoga Park Hospital was above the predicted mortality range in patients with the diagnosis of Cancer and Pulmonary Disease.

Our Quality Assurance research has shown that of the 26 patients who died in the hospital from Cancer or Pulmonary Disease, 21(81%) had No Code orders written on or after admission and prior to death. Further, the average age of the 26 patients was 79( 76-Cancer patients, 81-Pulmonary Disease patients).

In the light of the above statistics, we feel that the appropriate care was rendered.

Thank you.

Sincerely,

Barbara Meyers

Barbara Meyers
Administrator

bcm

## CEDARS-SINAI MEDICAL CENTER

8700 BEVERLY BLVD
LOS ANGELES, CA 90048

Medicare Hospital Provider Number: 050625

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 7,397 | 10 | 11 - 14 | 7,605 | 10 | 11 - 15 |
| Cancer | 327 | 38 | 32 - 49 | 339 | 42 | 34 - 52 |
| Cerebrovascular Accidents | 269 | 23 | 21 - 34 | 265 | 21 | 22 - 35 |
| Gastrointestinal Catastrophes | 46 | 26 | 19 - 49 | 55 | 44 | 23 - 54 |
| Infectious Disease | 86 | 33 | 26 - 51 | 81 | 33 | 25 - 52 |
| Metabolic/Electrolyte Disorders | 87 | 24 | 13 - 39 | 72 | 21 | 12 - 38 |
| Pulmonary Disease | 309 | 23 | 21 - 35 | 275 | 27 | 22 - 37 |
| Renal Failure | 48 | 21 | 10 - 56 | 44 | 16 | 13 - 60 |
| Severe Acute Heart Disease | 348 | 29 | 36 - 50 | 310 | 29 | 37 - 51 |
| Severe Chronic Heart Disease | 342 | 16 | 20 - 30 | 413 | 14 | 21 - 31 |
| Severe Trauma | 12 | 33 | 12 - 65 | 14 | 29 | 11 - 61 |
| Gastrointestinal Disease | 392 | 2 | 2 - 6 | 401 | 1 | 2 - 5 |
| Gynecologic Disease | 85 | 1 | 0 - 37 | 66 | 0 | 0 - 70 |
| Low-Risk Heart Disease | 1,039 | 2 | 2 - 5 | 956 | 3 | 2 - 5 |
| Musculoskeletal/Skin Conditions | 672 | 2 | 1 - 5 | 800 | 2 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 163 | 2 | 1 - 8 | 206 | 4 | 1 - 8 |
| Urologic Disease | 468 | 1 | 0 - 5 | 466 | 0 | 1 - 4 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 1,018
Occupancy Rate (%): 72
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 2,121
Percent of Physicians Who Are Board Certified Specialists: 70
Interns and Residents: 251
Registered Nurses: 1,112
Licensed Practical Nurses: 131

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: Yes
Hospice Care: Yes

CEDARS-SINAI MEDICAL CENTER

DIRECT DIAL (213) 855-5154

**Medicare Provider #050625**

October 19, 1988

To Whom It May Concern:

The Health Care Financing Administration (HCFA) has made available the attached data about the mortality rates of Medicare patients treated at Cedars-Sinai Medical Center compared to a range of predicted mortality rates. This letter is provided to assist in the interpretation or evaluation of this summary information.

Cedars-Sinai Medical Center is a 1201-bed acute care hospital with comprehensive medical and surgical services, as well as teaching and research programs. With annual discharges in excess of 39,000 patients per year, Medicare recipients represent less than half of the patients treated at the Medical Center.

Our state of the art, high technology facilities, in conjunction with the expertise of our medical staff, create an environment where patients who are more seriously ill come for treatment. For example, our ratio of intensive care beds to routine care hospital beds is one of the highest in the nation, thus attracting not only patients who have an immediate need for intensive care, but also those who have a great potential for requiring such care some time during their hospital stay. Further, our medical staff of over 2,000 physicians is largely composed of subspecialists, who choose to admit their most complex, referred cases to Cedars-Sinai. The medical education programs for residents and fellows, together with the associated academic faculty, also help to encourage the admission of patients with complex medical care needs. Specific programs at Cedars-Sinai Medical Center which contribute to a patient population requiring more complex hospital resources include an Emergency Department which serves as a Paramedic Base Station and Level 1 Trauma Center; a multidisciplinary cancer program with comprehensive inpatient and outpatient diagnostic and treatment services; and our cardiology service which includes programs in open-heart surgery, critical care, arrhythmia detection and treatment, and rehabilitation.

8700 BEVERLY BOULEVARD · LOS ANGELES CALIFORNIA 90048-1869 · TELEPHONE (213) 855-5000
CORRESPONDENCE: P.O. BOX 48750 · LOS ANGELES · CALIFORNIA 90048-0750

Cedars-Sinai Medical Center is committed to the delivery of the highest quality care to the patients it serves. To evaluate and improve the quality of patient care, we have developed extensive, on-going Quality Assurance and Peer Review programs, of which mortality review is an integral part. Our medical staff carefully evaluates the medical management and overall care of each mortality occurring in the Medical Center. This kind of review affords us the opportunity to develop new programs or procedures to meet the needs of our patient population.

We are confident that the data and analysis performed by HCFA are highly reliable. In our review of the data, we note that our mortality rates fall below the midpoint of the predicted range of mortality in patient populations somewhat similar to our own. In fact, our rates are equal to or lower than the minimum of the predicted mortality rate range for several diagnostic categories. We realize, however, that mortality rates, per se, are just one type of indicator in the complex analysis of quality care, and cannot substitute for the continued Quality Assurance programs in operation at at our Medical Center.

Accompanying the mortality rate data is a series of "hospital characteristics," some of which are incorrect. Cedars-Sinai Medical Center has 1201 beds rather than the 470 beds listed on the report. Our medical staff numbers 2,186 physicians, 59% of whom are board certified. With 270 housestaff (residents and fellows), the housestaff per bed ratio is 0.22. In December of 1987, our nurse staffing statistics were 1.23 registered nurses and 0.20 licensed practical nurses per occupied bed.

We appreciate the rising public interest in having available objective information of the quality of care rendered at our nation's hospitals, and we are encouraged by HCFA's improved techniques in reporting mortality statistics. Future, appropriate reports of indicators of quality of patient care are certainly welcome.

Sincerely,

James R. Klinenberg, M.D.

James R. Klinenberg, M.D.
Vice President for Professional Services

JRK/lr

## CENTINELA HOSPITAL MEDICAL CENTER

555 EAST HARDY STREET
INGLEWOOD, CA 90301

Medicare Hospital Provider Number: 050240

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,862 | 11 | 9 - 13 | 1,930 | 11 | 9 - 14 |
| Cancer | 62 | 48 | 30 - 57 | 69 | 54 | 32 - 58 |
| Cerebrovascular Accidents | 79 | 18 | 17 - 36 | 104 | 21 | 17 - 34 |
| Gastrointestinal Catastrophes | 23 | 30 | 15 - 55 | 22 | 14 | 15 - 51 |
| Infectious Disease | 21 | 38 | 13 - 55 | 24 | 29 | 22 - 60 |
| Metabolic/Electrolyte Disorders | 30 | 33 | 16 - 53 | 34 | 26 | 9 - 43 |
| Pulmonary Disease | 76 | 25 | 15 - 37 | 56 | 16 | 16 - 38 |
| Renal Failure | 18 | 22 | 7 - 61 | 10 | 40 | 11 - 75 |
| Severe Acute Heart Disease | 46 | 35 | 26 - 55 | 51 | 43 | 26 - 54 |
| Severe Chronic Heart Disease | 87 | 28 | 14 - 34 | 79 | 18 | 16 - 35 |
| Severe Trauma | 4 | 0 | 8 - 73 | 5 | 0 | 3 - 65 |
| Gastrointestinal Disease | 102 | 3 | 1 - 11 | 117 | 4 | 1 - 12 |
| Gynecologic Disease | 12 | 0 | 0 -100 | 19 | 0 | 0 -100 |
| Low-Risk Heart Disease | 157 | 4 | 1 - 9 | 143 | 4 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 345 | 2 | 1 - 5 | 357 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 41 | 2 | 0 - 36 | 35 | 0 | 0 - 17 |
| Urologic Disease | 96 | 3 | 0 - 27 | 87 | 3 | 0 - 18 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 377 |
| Occupancy Rate (%): | 62 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 363 |
| Percent of Physicians Who Are Board Certified Specialists: | 82 |
| Interns and Residents: | 0 |
| Registered Nurses: | 326 |
| Licensed Practical Nurses: | 20 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# CENTINELA MAMMOTH HOSPITAL

SIERRA PARK ROAD
MAMMOTH LAKES, CA 93546

Medicare Hospital Provider Number: 050638

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 66 | 0 | 2 - 9 | 41 | 0 | 3 - 13 |
| Cancer | 1 | 0 | 1 - 97 | 0 | - | - |
| Cerebrovascular Accidents | 1 | 0 | 0 - 99 | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Pulmonary Disease | 2 | 0 | 0 - 98 | 4 | 0 | 6 - 71 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 2 | 0 | 0 - 93 | 3 | 0 | 1 - 82 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 2 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 21 | 0 | 0 - 68 | 14 | 0 | 0 - 97 |
| Musculoskeletal/Skin Conditions | 13 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 15 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 23 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CENTURY CITY HOSPITAL

2070 CENTURY PARK EAST
LOS ANGELES, CA 90067

Medicare Hospital Provider Number: 050579

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 747 | 10 | 11 - 16 | 774 | 6 | 8 - 13 |
| Cancer | 28 | 43 | 26 - 63 | 13 | 38 | 22 - 72 |
| Cerebrovascular Accidents | 28 | 14 | 15 - 43 | 20 | 15 | 14 - 48 |
| Gastrointestinal Catastrophes | 6 | 33 | 9 - 76 | 7 | 14 | 10 - 67 |
| Infectious Disease | 14 | 43 | 17 - 67 | 12 | 33 | 15 - 66 |
| Metabolic/Electrolyte Disorders | 17 | 18 | 8 - 50 | 16 | 6 | 6 - 42 |
| Pulmonary Disease | 49 | 20 | 18 - 43 | 42 | 12 | 18 - 41 |
| Renal Failure | 21 | 14 | 11 - 60 | 6 | 17 | 0 - 83 |
| Severe Acute Heart Disease | 7 | 43 | 13 - 77 | 12 | 17 | 27 - 71 |
| Severe Chronic Heart Disease | 30 | 13 | 12 - 39 | 25 | 12 | 13 - 42 |
| Severe Trauma | 1 | 100 | 0 -100 | 1 | 0 | 2 - 97 |
| Gastrointestinal Disease | 29 | 7 | 0 - 49 | 44 | 0 | 1 - 12 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 54 | 0 | 3 - 10 | 80 | 4 | 2 - 13 |
| Musculoskeletal/Skin Conditions | 82 | 4 | 1 - 13 | 74 | 1 | 1 - 11 |
| Neuropsychiatric/Sensory Disease | 46 | 4 | 0 - 26 | 56 | 2 | 0 - 16 |
| Urologic Disease | 41 | 0 | 0 - 16 | 51 | 0 | 0 - 29 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 195 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

Century City
Hospital

A National Medical Enterprises Health Care Facility

October 18, 1988

Health Standards and Quality Bureau, HCFA
ATTN: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, MD 21207

Dear Mrs. Kappert:

In response to the September 15, 1988 request by William L Roper, M.D., Administrator, Healthcare Finance Administration, the following is Century City Hospital's response to the upcoming publication of selected mortality information reported on this facility's Medicare population in 1987. Century City Hospital's response to these statistics are made to eliminate those discrepancies found in the data forwarded.

Century City Hospital's Medical Staff Committee, Utilization Review Committee, and Administration have reviewed the mortality statistics for 1986 and 1987. The following items were noted:

1. In the Diagnostic category of severe trauma, Century City Hospital's mortality rate was 100%. Please note that there was only one case reported in this category. This patient was an elderly individual, who fell at home and developed a subdural hematoma and expired.
2. Century City Hospital's mortality rates from 1986 to 1987 increased from 6% to 10%. This increase is still below the range for predicted mortality, but it is the feeling of Century City Hospital's Utilization Review Committee and Administration that the facility's increase in acuity levels and a 11% increase of inpatient volumes from 1986 to 1987 accounts for the 4% increase in the mortality rate of the hospital.

Should you have any questions concerning Century City Hospital's response to the 1986-1987 mortality statistics, please do not hesitate to contact my office directly.

Best regards,

Peter F. Bastone

Peter F. Bastone
Administrator/Chief Operating Officer
Century City Hospital

cc: Diane Suzuki
Medical Executive Committee
Board of Governors
Joel Bergenfeld, CEO

2070 Century Park East ♦ Los Angeles, California 90067 ♦ (213) 553-6211

## CHANNEL ISLANDS COMMUNITY HOSPITAL

540 HOBSON WAY
OXNARD, CA 93030

Medicare Hospital Provider Number: 050052

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 199 | 10 | 7 - 16 | 190 | 15 | 8 - 19 |
| Cancer | 4 | 25 | 9 - 83 | 1 | 0 | 0 - 98 |
| Cerebrovascular Accidents | 7 | 29 | 6 - 69 | 8 | 25 | 7 - 65 |
| Gastrointestinal Catastrophes | 3 | 100 | 6 - 80 | 4 | 100 | 11 - 75 |
| Infectious Disease | 3 | 0 | 5 - 79 | 1 | 100 | 0 - 99 |
| Metabolic/Electrolyte Disorders | 5 | 20 | 3 - 74 | 6 | 17 | 2 - 72 |
| Pulmonary Disease | 21 | 19 | 8 - 44 | 23 | 30 | 12 - 50 |
| Renal Failure | 0 | - | - | 2 | 50 | 4 - 93 |
| Severe Acute Heart Disease | 2 | 0 | 4 - 88 | 8 | 25 | 19 - 76 |
| Severe Chronic Heart Disease | 9 | 33 | 4 - 64 | 5 | 60 | 5 - 77 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 16 | 0 | 0 - 84 | 16 | 0 | 0 - 58 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 25 | 4 | 0 - 45 | 26 | 4 | 0 - 45 |
| Musculoskeletal/Skin Conditions | 18 | 0 | 0 - 86 | 20 | 0 | 0 - 34 |
| Neuropsychiatric/Sensory Disease | 9 | 11 | 0 - 96 | 10 | 0 | 0 - 99 |
| Urologic Disease | 14 | 0 | 0 - 97 | 7 | 0 | 0 - 89 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1982

| | |
|---|---|
| Total Beds (#): | 48 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 12 |
| Licensed Practical Nurses: | 9 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Channel Islands
Community Hospital

September 30, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Sandra Kappert

RE: Medicare Provider #050052

Dear Mrs. Kappert:

This letter is intended as a response to the mortality data forwarded to our facility with your correspondence of September 15, 1988.

The data shows a comparative reduction in our hospital's mortality rate from 1986 statistics, even though there were more deaths in 1987. All categories of deaths were within or below the expected mortality range for the category of GI Catastrophes. There were three patients classified as GI Catastrophes; since all three expired this led to 100% mortality range. In one of the cases the patient expired from a sudden, unexpected myocardial infarction, unrelated to the patient's GI problems. Another of these patients expired from an abdominal abscess from a ruptured diverticulum; this occured after the patient and his family refused any surgical intervention to correct the problem. The third patient was terminally ill with end stage liver disease and extensive GI bleeding. This death was expected upon admission to the hospital.

In review of the cases that did expire subsequent to discharge from our facility, it was found that of the sixteen cases, six were transferred to a skilled nursing facility (one with a no code order in effect); two were transferred to a Board and Care facility; and eight were discharged home. Of these sixteen patients ten expired more than thirty (30) days following discharge.

Thank you for the opportunity to respond. Should you have any questions, please feel free to contact me.

Sincerely,

Emma Mayer Orr

Emma Mayer Orr
Administrator

EMO;ljb

540 Hobson Way • P.O. Box 1148 • Oxnard, CA 93032 • (805) 487-7941

## CHAPMAN GENERAL HOSP INC

2601 E CHAPMAN AVE
ORANGE, CA 92669

Medicare Hospital Provider Number: 050550

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 275 | 17 | 9 - 18 | 333 | 12 | 7 - 15 |
| Cancer | 12 | 50 | 19 - 72 | 15 | 67 | 16 - 63 |
| Cerebrovascular Accidents | 13 | 23 | 10 - 56 | 10 | 20 | 10 - 60 |
| Gastrointestinal Catastrophes | 3 | 33 | 5 - 86 | 4 | 25 | 4 - 80 |
| Infectious Disease | 3 | 33 | 2 - 86 | 2 | 50 | 5 - 93 |
| Metabolic/Electrolyte Disorders | 4 | 75 | 6 - 81 | 5 | 20 | 6 - 74 |
| Pulmonary Disease | 18 | 33 | 8 - 52 | 22 | 18 | 10 - 45 |
| Renal Failure | 3 | 33 | 3 - 87 | 0 | - | - |
| Severe Acute Heart Disease | 9 | 56 | 13 - 71 | 11 | 9 | 23 - 64 |
| Severe Chronic Heart Disease | 15 | 60 | 8 - 56 | 11 | 18 | 7 - 55 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 22 | 9 | 0 - 72 | 27 | 7 | 0 - 93 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 21 | 10 | 0 - 81 | 28 | 7 | 0 - 63 |
| Musculoskeletal/Skin Conditions | 31 | 3 | 0 - 92 | 36 | 3 | 0 - 75 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 -100 | 4 | 25 | 0 -100 |
| Urologic Disease | 16 | 6 | 0 -100 | 21 | 0 | 0 - 92 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 99 |
| Occupancy Rate (%): | 42 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 416 |
| Percent of Physicians Who Are Board Certified Specialists: | 44 |
| Interns and Residents: | 0 |
| Registered Nurses: | 73 |
| Licensed Practical Nurses: | 4 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CHARTER COMM HOSP

21530 S PIONEER BLVD
HAWAIIAN GARDENS, CA 90716

Medicare Hospital Provider Number: 050575

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,624 | 14 | 7 - 12 | 673 | 13 | 7 - 13 |
| Cancer | 76 | 45 | 18 - 44 | 19 | 42 | 13 - 57 |
| Cerebrovascular Accidents | 67 | 24 | 13 - 35 | 31 | 29 | 10 - 43 |
| Gastrointestinal Catastrophes | 7 | 57 | 4 - 71 | 4 | 75 | 1 - 82 |
| Infectious Disease | 5 | 40 | 4 - 77 | 5 | 40 | 3 - 78 |
| Metabolic/Electrolyte Disorders | 28 | 32 | 4 - 45 | 15 | 13 | 2 - 49 |
| Pulmonary Disease | 83 | 28 | 11 - 33 | 31 | 26 | 8 - 41 |
| Renal Failure | 9 | 56 | 9 - 74 | 6 | 33 | 5 - 78 |
| Severe Acute Heart Disease | 60 | 30 | 22 - 47 | 25 | 36 | 20 - 57 |
| Severe Chronic Heart Disease | 102 | 21 | 15 - 32 | 41 | 22 | 11 - 37 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 85 | 1 | 0 - 10 | 40 | 2 | 0 - 62 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Low-Risk Heart Disease | 211 | 4 | 1 - 8 | 95 | 4 | 0 - 15 |
| Musculoskeletal/Skin Conditions | 138 | 1 | 0 - 7 | 42 | 2 | 0 - 51 |
| Neuropsychiatric/Sensory Disease | 65 | 6 | 0 - 45 | 17 | 6 | 0 -100 |
| Urologic Disease | 90 | 2 | 0 - 48 | 38 | 5 | 0 - 99 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 150 |
| Occupancy Rate (%): | 40 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 47 |
| Percent of Physicians Who Are Board Certified Specialists: | 77 |
| Interns and Residents: | 0 |
| Registered Nurses: | 92 |
| Licensed Practical Nurses: | 6 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CHARTER SUBURBAN HOSP

16453 SO COLORADO AVE
PARAMOUNT, CA 90723

Medicare Hospital Provider Number: 050571

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 610 | 20 | 13 - 20 | 606 | 17 | 11 - 18 |
| Cancer | 10 | 60 | 20 - 75 | 4 | 25 | 5 - 80 |
| Cerebrovascular Accidents | 32 | 31 | 13 - 45 | 30 | 23 | 13 - 45 |
| Gastrointestinal Catastrophes | 10 | 20 | 12 - 64 | 6 | 67 | 6 - 74 |
| Infectious Disease | 8 | 25 | 14 - 72 | 25 | 32 | 17 - 56 |
| Metabolic/Electrolyte Disorders | 6 | 50 | 3 - 75 | 10 | 30 | 8 - 64 |
| Pulmonary Disease | 81 | 33 | 17 - 40 | 63 | 32 | 15 - 40 |
| Renal Failure | 3 | 33 | 5 - 88 | 1 | 0 | 0 -100 |
| Severe Acute Heart Disease | 38 | 58 | 27 - 59 | 33 | 55 | 23 - 57 |
| Severe Chronic Heart Disease | 41 | 24 | 13 - 41 | 25 | 32 | 11 - 48 |
| Severe Trauma | 2 | 0 | 2 - 88 | 2 | 0 | 1 - 91 |
| Gastrointestinal Disease | 32 | 0 | 0 - 26 | 32 | 3 | 0 - 36 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 50 | 2 | 0 - 17 | 55 | 4 | 1 - 18 |
| Musculoskeletal/Skin Conditions | 52 | 8 | 0 - 28 | 46 | 0 | 1 - 11 |
| Neuropsychiatric/Sensory Disease | 20 | 10 | 0 - 94 | 13 | 0 | 0 - 97 |
| Urologic Disease | 13 | 0 | 1 - 39 | 18 | 0 | 0 - 94 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 106 |
| Occupancy Rate (%): | 63 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 246 |
| Percent of Physicians Who Are Board Certified Specialists: | 51 |
| Interns and Residents: | 0 |
| Registered Nurses: | 71 |
| Licensed Practical Nurses: | 24 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Charter Suburban Hospital**
Serving Southern California with Quality Health Care

16453 South Colorado Avenue
Paramount, California 90723
Telephone (213) 531-3110
MICHAEL C. ZIEGEL
Administrator

Provider ID - 050571

October 21, 1988

Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

Charter Suburban Hospital Medical Staff continues to focus upon a Senior Health Program that offers acute care to those patients with complex medical problems and illnesses. The average age is approximately 78 years old.

The analysis of the mortality rates associated with our hospital has been reviewed by the Chairman of our Quality Assurance/Utilization Review Committee. Each mortality at Charter Suburban Hospital is thoroughly reviewed through peer reviewers as a method of meeting the approved standards by our Medical Staff. Any abnormal findings are taken to the committee level for further discussion and action.

The data sent for our hospital does not exceed the actual mortality percentage rate but is a method for the Quality Assurance Committee to review the report, identify any unusual patterns and to return this information to the Medical Staff as an educational tool.

The mission of Charter Suburban Hospital is that our team of staff and physicians offers innovative and responsive quality health care, with service excellence for best value.

Thank you for the opportunity to present this response.

Sincerely,

Chiprut

Michael C. Ziegel
Administrator

Roberto O. Chiprut, M.D., F.A.C.P.
Chief of Staff

RW:ROC:MCZ:jf

## CHICO COMM MEM HOSP

560 COHASSET RD
CHICO, CA 95926

Medicare Hospital Provider Number: 050307

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 721 | 10 | 7 - 12 | 794 | 11 | 8 - 13 |
| Cancer | 20 | 20 | 15 - 53 | 17 | 41 | 18 - 64 |
| Cerebrovascular Accidents | 20 | 20 | 16 - 52 | 24 | 25 | 14 - 49 |
| Gastrointestinal Catastrophes | 8 | 25 | 10 - 68 | 12 | 58 | 12 - 66 |
| Infectious Disease | 8 | 13 | 10 - 63 | 11 | 0 | 18 - 52 |
| Metabolic/Electrolyte Disorders | 15 | 7 | 6 - 43 | 4 | 25 | 0 - 90 |
| Pulmonary Disease | 32 | 13 | 11 - 38 | 55 | 24 | 17 - 42 |
| Renal Failure | 5 | 40 | 5 - 81 | 2 | 100 | 8 - 93 |
| Severe Acute Heart Disease | 11 | 45 | 16 - 69 | 22 | 41 | 20 - 60 |
| Severe Chronic Heart Disease | 25 | 40 | 8 - 46 | 19 | 32 | 8 - 50 |
| Severe Trauma | 4 | 25 | 3 - 80 | 9 | 33 | 6 - 67 |
| Gastrointestinal Disease | 37 | 5 | 0 - 51 | 48 | 6 | 0 - 33 |
| Gynecologic Disease | 18 | 0 | 0 -100 | 19 | 0 | 0 -100 |
| Low-Risk Heart Disease | 61 | 0 | 1 - 9 | 58 | 2 | 1 - 14 |
| Musculoskeletal/Skin Conditions | 127 | 2 | 0 - 12 | 119 | 1 | 0 - 7 |
| Neuropsychiatric/Sensory Disease | 20 | 5 | 0 - 55 | 25 | 0 | 0 - 53 |
| Urologic Disease | 44 | 0 | 0 - 67 | 40 | 0 | 0 - 27 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 135 |
| Occupancy Rate (%): | 53 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 148 |
| Percent of Physicians Who Are Board Certified Specialists: | 90 |
| Interns and Residents: | 0 |
| Registered Nurses: | 95 |
| Licensed Practical Nurses: | 43 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CHILDRENS HOSPITAL OF SAN FRANCISCO

3700 CALIFORNIA ST
SAN FRANCISCO, CA 94118

Medicare Hospital Provider Number: 050208

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,617 | 10 | 9 - 13 | 1,420 | 11 | 9 - 14 |
| Cancer | 93 | 32 | 25 - 48 | 96 | 35 | 28 - 52 |
| Cerebrovascular Accidents | 69 | 20 | 16 - 37 | 64 | 27 | 16 - 39 |
| Gastrointestinal Catastrophes | 11 | 36 | 10 - 65 | 8 | 38 | 13 - 74 |
| Infectious Disease | 13 | 15 | 13 - 57 | 5 | 20 | 5 - 74 |
| Metabolic/Electrolyte Disorders | 14 | 29 | 5 - 56 | 12 | 17 | 4 - 54 |
| Pulmonary Disease | 79 | 20 | 16 - 37 | 52 | 23 | 13 - 38 |
| Renal Failure | 9 | 22 | 10 - 72 | 3 | 67 | 2 - 87 |
| Severe Acute Heart Disease | 55 | 33 | 27 - 53 | 46 | 39 | 26 - 55 |
| Severe Chronic Heart Disease | 58 | 14 | 16 - 35 | 56 | 21 | 17 - 40 |
| Severe Trauma | 5 | 40 | 2 - 79 | 2 | 100 | 9 - 92 |
| Gastrointestinal Disease | 75 | 4 | 0 - 19 | 50 | 4 | 0 - 22 |
| Gynecologic Disease | 20 | 0 | 0 -100 | 18 | 0 | 0 -100 |
| Low-Risk Heart Disease | 106 | 2 | 1 - 9 | 102 | 3 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 225 | 2 | 0 - 7 | 231 | 2 | 0 - 7 |
| Neuropsychiatric/Sensory Disease | 42 | 2 | 0 - 49 | 44 | 2 | 0 - 35 |
| Urologic Disease | 69 | 4 | 0 - 49 | 66 | 0 | 0 - 20 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 211 |
| Occupancy Rate (%): | 74 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 437 |
| Percent of Physicians Who Are Board Certified Specialists: | 85 |
| Interns and Residents: | 42 |
| Registered Nurses: | 387 |
| Licensed Practical Nurses: | 39 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

CHILDREN'S HOSPITAL
OF SAN FRANCISCO
*A subsidiary of Northern California Health Center*

Provider Number 05-0208

October 21, 1988

Mrs. Sandra Kappert
Health Standards Quality Bureau, HCFA
2 D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

After conducting a thorough review of HCFA's 1987 mortality data as it applies to Children's Hospital of San Francisco (CHSF), we conclude that it is generally accurate and correct.

Children's Hospital and its Medical Staff has in place an aggressive Quality Assurance Program which carefully monitors all aspects of patient care and thoroughly investigates every death in our facility. In the course of this review process, the Medical Staff Quality Assurance Committees evaluate the quality and appropriateness of the care provided to the patient. When concerns are identified, they are referred to the Medical Staff leadership and/or Administration for correction. We are certain that our daily diligence and concentrated professional emphasis on Quality Assurance has resulted in mortality statistics within, and in most cases at the low end of, the predicted range.

We realize that the organizational profile provided by the American Hospital Association (AHA) and listed on the lower part of the report has no effect on the mortality data. However, for the record, we have attached to this letter the correct information from more current data recently provided to the AHA.

Thank you for the opportunity to submit this response to HCFA's report.

Sincerely,

Charles F. Cross
Chief Executive Officer

Richard J Cohen, MD

Richard J. Cohen, M.D.
Chief of Staff

CFC/RJC:mr

P.O. BOX 3805 • SAN FRANCISCO, CA 94119 3700 CALIFORNIA STREET • SAN FRANCISCO • 415/387-8700

*CHILDREN'S HOSPITAL OF SAN FRANCISCO* | *CHILDREN'S HOSPITAL OF SAN FRANCISCO FOUNDATION* | *NORTHERN CALIFORNIA AMBULATORY HEALTH SERVICES* | *NORTHERN CALIFORNIA MEDICAL SERVICES, INC.*

## CHINESE HOSP

845 JACKSON ST
SAN FRANCISCO, CA 94133

Medicare Hospital Provider Number: 050407

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 428 | 14 | 11 - 19 | 512 | 16 | 11 - 19 |
| Cancer | 14 | 50 | 16 - 66 | 17 | 53 | 23 - 69 |
| Cerebrovascular Accidents | 34 | 21 | 13 - 42 | 32 | 9 | 16 - 39 |
| Gastrointestinal Catastrophes | 2 | 0 | 2 - 88 | 6 | 50 | 12 - 80 |
| Infectious Disease | 12 | 33 | 10 - 62 | 13 | 31 | 17 - 67 |
| Metabolic/Electrolyte Disorders | 15 | 7 | 13 - 49 | 21 | 33 | 12 - 55 |
| Pulmonary Disease | 34 | 32 | 16 - 48 | 34 | 32 | 13 - 46 |
| Renal Failure | 1 | 0 | 2 - 98 | 5 | 60 | 8 - 83 |
| Severe Acute Heart Disease | 13 | 38 | 17 - 66 | 17 | 47 | 21 - 66 |
| Severe Chronic Heart Disease | 29 | 14 | 12 - 39 | 33 | 15 | 16 - 43 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 22 | 5 | 0 - 66 | 27 | 4 | 1 - 29 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 27 | 7 | 0 - 43 | 33 | 0 | 1 - 17 |
| Musculoskeletal/Skin Conditions | 43 | 7 | 0 - 37 | 60 | 5 | 0 - 36 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 -100 | 13 | 0 | 0 - 79 |
| Urologic Disease | 15 | 0 | 0 - 84 | 23 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 59 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 65 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 0 |
| Registered Nurses: | 61 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# CHINO COMMUNITY HOSPITAL

5451 WALNUT AVE
CHINO, CA 91710

Medicare Hospital Provider Number: 050586

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 606 | 12 | 9 - 15 | 622 | 10 | 8 - 14 |
| Cancer | 15 | 40 | 19 - 66 | 17 | 47 | 25 - 71 |
| Cerebrovascular Accidents | 35 | 40 | 15 - 47 | 24 | 25 | 13 - 48 |
| Gastrointestinal Catastrophes | 2 | 100 | 5 - 89 | 6 | 33 | 10 - 77 |
| Infectious Disease | 2 | 0 | 1 - 89 | 5 | 60 | 4 - 78 |
| Metabolic/Electrolyte Disorders | 8 | 25 | 3 - 66 | 7 | 29 | 8 - 71 |
| Pulmonary Disease | 37 | 16 | 11 - 38 | 35 | 23 | 14 - 44 |
| Renal Failure | 5 | 60 | 11 - 85 | 3 | 33 | 5 - 88 |
| Severe Acute Heart Disease | 25 | 44 | 23 - 61 | 20 | 40 | 19 - 61 |
| Severe Chronic Heart Disease | 28 | 21 | 11 - 43 | 29 | 28 | 11 - 45 |
| Severe Trauma | 1 | 100 | 3 - 98 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 38 | 0 | 1 - 14 | 42 | 2 | 0 - 25 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 92 | 2 | 2 - 10 | 96 | 0 | 1 - 6 |
| Musculoskeletal/Skin Conditions | 52 | 2 | 0 - 34 | 68 | 1 | 0 - 14 |
| Neuropsychiatric/Sensory Disease | 11 | 0 | 0 -100 | 20 | 5 | 0 - 96 |
| Urologic Disease | 26 | 0 | 0 - 33 | 21 | 0 | 0 - 74 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 118 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 70 |
| Licensed Practical Nurses: | 20 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CHOWCHILLA DISTRICT MEM HOSP

1104 VENTURA ST
CHOWCHILLA, CA 93610

Medicare Hospital Provider Number: 050377

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 82 | 18 | 11 - 28 | 143 | 15 | 8 - 21 |
| Cancer | 3 | 67 | 6 - 87 | 4 | 75 | 12 - 85 |
| Cerebrovascular Accidents | 8 | 25 | 7 - 65 | 3 | 0 | 3 - 79 |
| Gastrointestinal Catastrophes | 1 | 0 | 1 - 97 | 1 | 100 | 0 - 99 |
| Infectious Disease | 3 | 100 | 14 - 87 | 3 | 33 | 3 - 86 |
| Metabolic/Electrolyte Disorders | 6 | 0 | 4 - 59 | 5 | 0 | 3 - 65 |
| Pulmonary Disease | 11 | 36 | 7 - 61 | 9 | 33 | 4 - 64 |
| Renal Failure | 1 | 100 | 3 - 99 | 1 | 100 | 1 - 97 |
| Severe Acute Heart Disease | 2 | 50 | 5 - 93 | 11 | 27 | 17 - 68 |
| Severe Chronic Heart Disease | 7 | 0 | 6 - 52 | 12 | 17 | 8 - 54 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 5 | 0 | 0 -100 | 13 | 0 | 0 - 91 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 9 | 0 | 0 - 78 | 32 | 9 | 0 - 55 |
| Musculoskeletal/Skin Conditions | 2 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Urologic Disease | 0 | - | - | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 23 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## CHRISTIAN HOSP MED CTR

2224 RUBY DR
PERRIS, CA 92370

Medicare Hospital Provider Number: 050651

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 689 | 18 | 11 - 18 | 743 | 16 | 10 - 17 |
| Cancer | 7 | 57 | 7 - 72 | 11 | 36 | 13 - 67 |
| Cerebrovascular Accidents | 44 | 48 | 19 - 49 | 44 | 43 | 13 - 43 |
| Gastrointestinal Catastrophes | 13 | 38 | 17 - 69 | 3 | 0 | 3 - 79 |
| Infectious Disease | 12 | 42 | 18 - 70 | 6 | 67 | 14 - 80 |
| Metabolic/Electrolyte Disorders | 11 | 27 | 2 - 62 | 18 | 11 | 10 - 47 |
| Pulmonary Disease | 50 | 42 | 15 - 44 | 41 | 37 | 13 - 44 |
| Renal Failure | 10 | 40 | 18 - 81 | 2 | 50 | 6 - 95 |
| Severe Acute Heart Disease | 45 | 36 | 25 - 54 | 57 | 49 | 27 - 54 |
| Severe Chronic Heart Disease | 51 | 18 | 11 - 34 | 47 | 32 | 12 - 40 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 40 | 5 | 0 - 50 | 42 | 2 | 0 - 20 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 109 | 6 | 1 - 13 | 139 | 2 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 36 | 3 | 0 - 53 | 37 | 3 | 1 - 21 |
| Neuropsychiatric/Sensory Disease | 7 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 35 | 6 | 0 - 55 | 32 | 3 | 0 - 38 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

| | |
|---|---|
| Total Beds (#): | 36 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 27 |
| Licensed Practical Nurses: | 17 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CHURCH OF ST MATTHEWS MILLS MEM HOSP

100 S SAN MATEO DRIVE
SAN MATEO, CA 94401

Medicare Hospital Provider Number: 050302

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,195 | 11 | 10 - 14 | 2,142 | 12 | 10 - 14 |
| Cancer | 89 | 42 | 24 - 49 | 94 | 47 | 28 - 52 |
| Cerebrovascular Accidents | 124 | 19 | 19 - 35 | 133 | 24 | 19 - 36 |
| Gastrointestinal Catastrophes | 18 | 11 | 18 - 55 | 28 | 29 | 18 - 55 |
| Infectious Disease | 30 | 27 | 19 - 53 | 33 | 18 | 18 - 49 |
| Metabolic/Electrolyte Disorders | 13 | 31 | 7 - 58 | 19 | 11 | 7 - 43 |
| Pulmonary Disease | 109 | 29 | 15 - 35 | 77 | 25 | 15 - 37 |
| Renal Failure | 12 | 33 | 9 - 70 | 5 | 40 | 4 - 81 |
| Severe Acute Heart Disease | 79 | 34 | 30 - 53 | 69 | 38 | 28 - 52 |
| Severe Chronic Heart Disease | 89 | 24 | 13 - 32 | 97 | 23 | 16 - 34 |
| Severe Trauma | 7 | 14 | 5 - 65 | 4 | 25 | 3 - 80 |
| Gastrointestinal Disease | 121 | 2 | 1 - 8 | 136 | 4 | 1 - 11 |
| Gynecologic Disease | 22 | 0 | 0 -100 | 23 | 0 | 0 -100 |
| Low-Risk Heart Disease | 201 | 2 | 1 - 7 | 190 | 4 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 280 | 2 | 1 - 6 | 283 | 4 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 53 | 2 | 0 - 18 | 59 | 5 | 0 - 29 |
| Urologic Disease | 115 | 0 | 0 - 8 | 95 | 1 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#): 388
Ownership/Control: Private, Non-profit

STAFFING

Interns and Residents: 0
Registered Nurses: 270
Licensed Practical Nurses: 31

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

**Mills Hospital**
100 South San Mateo Dr.
San Mateo, CA 94401
415-696-4400

**Peninsula Hospital**
1783 El Camino Real
Burlingame, CA 94010
415-696-5400

Mills-Peninsula
Hospitals

October 13, 1988

Mills Provider #05-0302
Peninsula Provider #05-0007

William L. Roper, Administrator
Health Care Financing Administration
Department of Health & Human Services
Washington, D.C. 20201

Dear Dr. Roper:

Thank you for allowing us to review the 1987 Medicare mortality information prior to public release.

Mills-Peninsula Hospitals are full service facilities which offer acute care, obstetrical, rehabilitation, psychiatric, chemical dependency and skilled nursing services for San Mateo County and the surrounding Bay Area population. We have a high Medicare population representing 50% of our patient mix.

The mortality information supplied by your office was reviewed by Administration, Quality Assurance, and Utilization Review. In our review, we were pleased to find that we continue to fall into an acceptable mortality rate as defined by HCFA Standards. However, we continue to maintain that this data alone is not an indicator of quality of care and can mislead the general public to false conclusions.

The Medical Staffs at Mills-Peninsula conducts an extensive review of every patient who expires in our facilities for overall quality of care. Mortality review is an ongoing process for our Quality Assurance Program, and peer review activities are an integral part of the monitoring of the healthcare delivery system at Mills-Peninsula. We believe that our review processes provide a continuous feedback mechanism that allow us to meet and exceed quality of care standards.

Again, thank you for allowing us to respond to the HCFA mortality statistics for our hospitals.

Sincerely,

Robert W Merwin

ROBERT W. MERWIN
Executive Vice President and
Chief Operating Officer
Mills-Peninsula Hospitals

Affiliated with California Healthcare System

## CIRCLE CITY HOSPITAL

730 MAGNOLIA AVE
CORONA, CA 91719

Medicare Hospital Provider Number: 050329

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 769 | 13 | 9 - 15 | 901 | 9 | 8 - 13 |
| Cancer | 26 | 62 | 26 - 64 | 27 | 52 | 24 - 62 |
| Cerebrovascular Accidents | 20 | 35 | 9 - 51 | 28 | 21 | 14 - 46 |
| Gastrointestinal Catastrophes | 4 | 25 | 4 - 80 | 6 | 17 | 12 - 74 |
| Infectious Disease | 3 | 67 | 4 - 86 | 3 | 0 | 6 - 80 |
| Metabolic/Electrolyte Disorders | 7 | 0 | 8 - 55 | 24 | 21 | 10 - 47 |
| Pulmonary Disease | 63 | 30 | 16 - 41 | 49 | 22 | 16 - 42 |
| Renal Failure | 5 | 80 | 18 - 89 | 6 | 50 | 13 - 84 |
| Severe Acute Heart Disease | 26 | 50 | 20 - 58 | 16 | 50 | 21 - 67 |
| Severe Chronic Heart Disease | 33 | 18 | 12 - 40 | 42 | 21 | 11 - 38 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 42 | 0 | 0 - 15 | 63 | 2 | 1 - 12 |
| Gynecologic Disease | 6 | 17 | 0 - 88 | 10 | 10 | 0 -100 |
| Low-Risk Heart Disease | 140 | 4 | 1 - 9 | 133 | 2 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 86 | 1 | 1 - 10 | 162 | 0 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 12 | 0 | 0 - 53 | 15 | 0 | 0 - 77 |
| Urologic Disease | 18 | 0 | 0 - 56 | 23 | 0 | 0 - 68 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 99 |
| Occupancy Rate (%): | 55 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 98 |
| Percent of Physicians Who Are Board Certified Specialists: | 56 |
| Interns and Residents: | 1 |
| Registered Nurses: | 86 |
| Licensed Practical Nurses: | 36 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Medicate Provider ID #050329
AMI Circle City Hospital

William L. Roper, M.D., Administrator
Health Care Financing Administration
Washington D.C. 20201

Dear Dr. Roper, October 20, 1988

Thank you for this opportunity to respond to HCFA's 1987 mortality data for our hospital.

Our Director of Medical Records has verified that with minor exceptions, HCFA's data is accurate in its listing of deaths occuring at the hospital (those cases in which the date of discharge is the date of death).

Cases in which death occurred after discharge were more difficult to verify, as suggested in your letter accompanying the statistics. However, verification was accomplished where possible by our Utilization Review Coordinator.

Review of our hospital's actual mortality rates for each diagnostic category finds that our mortality rate was well within the predicted mortality range, and that there were no instances in which that range was exceeded. The nearest we came to the high end of the predicted range was in the cancer category.

Our facility practices 100% mortality review, bringing every case of death to the Peer Review table for medical staff review and discussion. All cases are reviewed for appropriateness, quality of care, and preventability of the death.

Although these mortality figures cannot be considered a direct representation of quality of care, Circle City Hospital does continue to assess the care provided, strives to provide the best care possible, and supports the principle of communicating appropriate and meaningful quality of care information to consumers.

Again, thank you for the opportunity to present this response. If you or anyone reviewing this material have additional questions, please do not hesitate to call me at (714) 735-1211.

Sincerely,

Julia Lynn

Julia Lynn
Quality Assurance Coordinator

730 Old Magnolia Avenue P.O. Box 310 Corona California 91719 [illegible]

## CITY OF HOPE NATIONAL MED CTR

1500 E DUARTE ROAD
DUARTE, CA 91010

Medicare Hospital Provider Number: 050146

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 527 | 17 | 21 - 28 | 604 | 21 | 21 - 29 |
| Cancer | 156 | 29 | 39 - 58 | 157 | 34 | 41 - 62 |
| Cerebrovascular Accidents | 4 | 0 | 13 - 76 | 7 | 29 | 4 - 68 |
| Gastrointestinal Catastrophes | 5 | 0 | 14 - 71 | 11 | 64 | 30 - 85 |
| Infectious Disease | 4 | 25 | 9 - 83 | 11 | 36 | 13 - 67 |
| Metabolic/Electrolyte Disorders | 17 | 53 | 18 - 65 | 15 | 40 | 25 - 74 |
| Pulmonary Disease | 18 | 44 | 20 - 64 | 23 | 35 | 22 - 61 |
| Renal Failure | 2 | 0 | 5 - 90 | 5 | 100 | 17 - 79 |
| Severe Acute Heart Disease | 6 | 17 | 15 - 75 | 6 | 50 | 14 - 81 |
| Severe Chronic Heart Disease | 8 | 25 | 3 - 65 | 9 | 33 | 9 - 66 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 17 | 0 | 0 - 36 | 17 | 0 | 0 - 40 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 24 | 0 | 1 - 23 | 41 | 5 | 1 - 21 |
| Musculoskeletal/Skin Conditions | 26 | 4 | 1 - 27 | 21 | 14 | 1 - 46 |
| Neuropsychiatric/Sensory Disease | 6 | 17 | 0 -100 | 7 | 29 | 1 - 78 |
| Urologic Disease | 15 | 7 | 0 - 75 | 8 | 0 | 0 - 80 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 157
Occupancy Rate (%): 62
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 81
Percent of Physicians Who Are Board Certified Specialists: 70
Interns and Residents: 0
Registered Nurses: 200
Licensed Practical Nurses: 15

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

# CLOVIS COMMUNITY HOSP

88 N DEWITT AVE
CLOVIS, CA 93612

Medicare Hospital Provider Number: 050492

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 246 | 16 | 9 - 19 | 236 | 14 | 8 - 18 |
| Cancer | 6 | 83 | 20 - 81 | 3 | 67 | 2 - 86 |
| Cerebrovascular Accidents | 15 | 20 | 13 - 54 | 13 | 31 | 10 - 59 |
| Gastrointestinal Catastrophes | 4 | 50 | 3 - 82 | 1 | 100 | 3 - 98 |
| Infectious Disease | 3 | 33 | 5 - 86 | 3 | 33 | 5 - 87 |
| Metabolic/Electrolyte Disorders | 9 | 33 | 10 - 68 | 3 | 33 | 1 - 88 |
| Pulmonary Disease | 19 | 26 | 9 - 50 | 23 | 35 | 8 - 48 |
| Renal Failure | 0 | - | - | 1 | 100 | 1 - 97 |
| Severe Acute Heart Disease | 11 | 73 | 20 - 71 | 11 | 18 | 20 - 67 |
| Severe Chronic Heart Disease | 6 | 17 | 4 - 68 | 9 | 22 | 5 - 61 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 16 | 0 | 0 - 47 | 17 | 12 | 0 - 80 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 25 | 0 | 0 - 28 | 26 | 0 | 0 - 25 |
| Musculoskeletal/Skin Conditions | 18 | 6 | 0 - 66 | 21 | 0 | 0 - 89 |
| Neuropsychiatric/Sensory Disease | 12 | 0 | 0 - 98 | 5 | 0 | 0 -100 |
| Urologic Disease | 3 | 0 | 0 -100 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 63 |
| Occupancy Rate (%): | 54 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 80 |
| Percent of Physicians Who Are Board Certified Specialists: | 92 |
| Interns and Residents: | 0 |
| Registered Nurses: | 40 |
| Licensed Practical Nurses: | 7 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## COALINGA DISTRICT HOSPITAL

WASHINGTON SUNSET STS
COALINGA, CA 93210

Medicare Hospital Provider Number: 050397

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 75 | 15 | 12 - 28 | 118 | 16 | 10 - 24 |
| Cancer | 4 | 50 | 16 - 92 | 4 | 75 | 16 - 90 |
| Cerebrovascular Accidents | 3 | 67 | 2 - 86 | 3 | 33 | 8 - 89 |
| Gastrointestinal Catastrophes | 1 | 0 | 0 - 99 | 0 | - | - |
| Infectious Disease | 2 | 50 | 6 - 95 | 1 | 0 | 0 - 98 |
| Metabolic/Electrolyte Disorders | 2 | 100 | 4 - 89 | 1 | 0 | 0 -100 |
| Pulmonary Disease | 13 | 0 | 18 - 46 | 21 | 10 | 11 - 41 |
| Renal Failure | 1 | 100 | 0 -100 | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 3 | 33 | 7 - 88 |
| Severe Chronic Heart Disease | 4 | 25 | 6 - 80 | 8 | 38 | 10 - 70 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 6 | 0 | 0 -100 | 8 | 13 | 0 - 89 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 8 | 13 | 0 -100 | 13 | 0 | 0 - 86 |
| Musculoskeletal/Skin Conditions | 4 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 3 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 3 | 33 | 0 - 99 | 5 | 40 | 0 - 99 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 26 |
| Occupancy Rate (%): | 15 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 4 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 11 |
| Licensed Practical Nurses: | 5 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## COAST PLAZA MEDICAL CTR

13100 S STUDEBAKER RD
NORWALK, CA 90650

Medicare Hospital Provider Number: 050219

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 557 | 15 | 11 - 18 | 671 | 17 | 11 - 18 |
| Cancer | 27 | 52 | 26 - 64 | 27 | 44 | 21 - 59 |
| Cerebrovascular Accidents | 23 | 30 | 12 - 50 | 23 | 26 | 13 - 49 |
| Gastrointestinal Catastrophes | 6 | 17 | 12 - 74 | 5 | 80 | 7 - 76 |
| Infectious Disease | 11 | 55 | 11 - 66 | 11 | 36 | 19 - 73 |
| Metabolic/Electrolyte Disorders | 11 | 18 | 6 - 57 | 17 | 29 | 8 - 54 |
| Pulmonary Disease | 47 | 34 | 18 - 46 | 55 | 35 | 17 - 44 |
| Renal Failure | 4 | 50 | 9 - 87 | 5 | 100 | 20 - 82 |
| Severe Acute Heart Disease | 20 | 60 | 23 - 65 | 15 | 40 | 21 - 67 |
| Severe Chronic Heart Disease | 17 | 0 | 12 - 34 | 46 | 22 | 12 - 37 |
| Severe Trauma | 1 | 0 | 1 - 97 | 2 | 50 | 3 - 92 |
| Gastrointestinal Disease | 39 | 5 | 0 - 40 | 39 | 8 | 0 - 30 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Low-Risk Heart Disease | 31 | 3 | 0 - 31 | 82 | 2 | 2 - 11 |
| Musculoskeletal/Skin Conditions | 78 | 3 | 0 - 13 | 38 | 5 | 0 - 51 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Urologic Disease | 25 | 0 | 0 - 60 | 20 | 0 | 0 - 51 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 62 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## COASTAL COMMUNITIES HOSP

2701 S BRISTOL ST
SANTA ANA, CA 92704

Medicare Hospital Provider Number: 050535

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 576 | 15 | 11 - 18 | 613 | 16 | 11 - 18 |
| Cancer | 18 | 56 | 23 - 68 | 13 | 38 | 15 - 65 |
| Cerebrovascular Accidents | 22 | 41 | 15 - 55 | 22 | 18 | 15 - 49 |
| Gastrointestinal Catastrophes | 8 | 38 | 13 - 74 | 4 | 25 | 10 - 84 |
| Infectious Disease | 21 | 38 | 16 - 58 | 8 | 38 | 13 - 74 |
| Metabolic/Electrolyte Disorders | 6 | 17 | 1 - 74 | 14 | 14 | 6 - 50 |
| Pulmonary Disease | 73 | 30 | 16 - 40 | 65 | 31 | 19 - 44 |
| Renal Failure | 3 | 33 | 7 - 90 | 4 | 50 | 7 - 86 |
| Severe Acute Heart Disease | 14 | 43 | 22 - 70 | 24 | 67 | 29 - 66 |
| Severe Chronic Heart Disease | 34 | 18 | 12 - 39 | 38 | 29 | 12 - 41 |
| Severe Trauma | 1 | 0 | 1 - 97 | 1 | 0 | 1 - 97 |
| Gastrointestinal Disease | 42 | 5 | 0 - 27 | 37 | 5 | 0 - 52 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 50 | 2 | 1 - 16 | 59 | 3 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 40 | 7 | 0 - 89 | 58 | 0 | 1 - 10 |
| Neuropsychiatric/Sensory Disease | 9 | 11 | 0 -100 | 11 | 18 | 0 -100 |
| Urologic Disease | 31 | 3 | 0 - 66 | 38 | 0 | 0 - 25 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 159 |
| Occupancy Rate (%): | 28 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 96 |
| Percent of Physicians Who Are Board Certified Specialists: | 0 |
| Interns and Residents: | 0 |
| Registered Nurses: | 91 |
| Licensed Practical Nurses: | 11 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Coastal Communities Hospital

2701 SOUTH BRISTOL STREET
SANTA ANA, CALIFORNIA 92704
Phone: (714) 754-5454

October 14,1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

RE: HCFA MORTALITY DATA

Gentlemen:

We acknowledge receipt of the selected mortality data which you propose to publish in the Medicare Hospital Mortality Information (1987).

We have reviewed this data, and accept its accuracy for deaths which occurred at our facility.

Even though this year's data has been adjusted for age of beneficiaries and for prior hospitalizations, the general public must be made aware that the report is statistical in nature, and deals with Medicare patients only, and because of the automatic skewing factor due to age (65+), should not and cannot be used as a true indicator of the quality of services provided at any facility.

Sincerely,

Craig G. Myers
Craig G. Myers
Executive Director

CGM/be

## COMM HOSP OF THE MONTEREY PENINSULA

23625 W R HOLMAN HIGHWAY
MONTEREY, CA 93940

Medicare Hospital Provider Number: 050145

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,652 | 11 | 10 - 14 | 2,695 | 13 | 10 - 14 |
| Cancer | 138 | 38 | 30 - 51 | 155 | 35 | 30 - 50 |
| Cerebrovascular Accidents | 127 | 28 | 18 - 35 | 111 | 43 | 18 - 38 |
| Gastrointestinal Catastrophes | 28 | 29 | 15 - 53 | 19 | 53 | 16 - 61 |
| Infectious Disease | 21 | 19 | 17 - 54 | 31 | 26 | 18 - 53 |
| Metabolic/Electrolyte Disorders | 37 | 22 | 12 - 44 | 18 | 22 | 6 - 49 |
| Pulmonary Disease | 111 | 20 | 17 - 35 | 75 | 20 | 18 - 40 |
| Renal Failure | 11 | 27 | 8 - 69 | 9 | 44 | 15 - 80 |
| Severe Acute Heart Disease | 102 | 35 | 29 - 49 | 102 | 30 | 29 - 49 |
| Severe Chronic Heart Disease | 112 | 25 | 16 - 33 | 127 | 27 | 15 - 32 |
| Severe Trauma | 6 | 17 | 10 - 73 | 2 | 0 | 2 - 89 |
| Gastrointestinal Disease | 194 | 4 | 1 - 8 | 147 | 5 | 1 - 10 |
| Gynecologic Disease | 36 | 0 | 0 -100 | 28 | 0 | 0 -100 |
| Low-Risk Heart Disease | 258 | 5 | 2 - 8 | 289 | 6 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 301 | 1 | 1 - 5 | 349 | 3 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 72 | 4 | 0 - 19 | 95 | 2 | 1 - 10 |
| Urologic Disease | 133 | 2 | 0 - 10 | 112 | 0 | 1 - 6 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 170 |
| Occupancy Rate (%): | 88 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 219 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 0 |
| Registered Nurses: | 260 |
| Licensed Practical Nurses: | 24 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Community Hospital of the Monterey Peninsula

October 12, 1988

Health Standards and Quality Bureau
Health Care Financing Administration
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: 1987 Mortality Data

Dear Mrs. Kappert:

Thank you for this opportunity to respond to the release of mortality data for 1987. Since receiving the report dated September 15, 1988 the appropriate medical staff committees and hospital administration have had an opportunity to review the data and find it to be accurate.

It should be noted that Community Hospital of the Monterey Peninsula had mortality rates that fell within the predicted range of mortality in all diagnostic categories for hospitals with our characteristics and size.

The Medical Staff of Community Hospital of the Monterey Peninsula, as has been their practice, will continue to review all mortality cases for quality and appropriateness of care. Mortality review is an ongoing process of the Quality Assurance Program and peer review activities are an integral part of the monitoring of the healthcare delivery system at this hospital. By trending analyses of these reviews we endeavor to identify opportunities to improve care.

Again, thank you for the opportunity to present this response. If you or anyone receiving this information has additional questions, please do not hesitate to call.

Sincerely,

Basil I. Allaire
Basil I. Allaire, M.D.
Chief of Staff

Thomas E. Tonkin
Thomas E. Tonkin
President

Post Office Box HH · Monterey, California 93940 · Telephone (408) 624-5311

## COMM MEM HOSP OF SAN BUENAVENTURA

LOMA VISTA AT BRENT STREET
VENTURA, CA 93003

Medicare Hospital Provider Number: 050394

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,187 | 12 | 9 - 14 | 2,008 | 10 | 9 - 13 |
| Cancer | 105 | 44 | 29 - 52 | 85 | 34 | 29 - 54 |
| Cerebrovascular Accidents | 91 | 20 | 18 - 36 | 67 | 22 | 19 - 40 |
| Gastrointestinal Catastrophes | 19 | 37 | 17 - 61 | 20 | 35 | 16 - 60 |
| Infectious Disease | 31 | 23 | 21 - 53 | 16 | 44 | 12 - 60 |
| Metabolic/Electrolyte Disorders | 27 | 19 | 9 - 44 | 22 | 23 | 10 - 49 |
| Pulmonary Disease | 93 | 30 | 15 - 36 | 66 | 23 | 18 - 41 |
| Renal Failure | 8 | 13 | 7 - 68 | 3 | 0 | 9 - 85 |
| Severe Acute Heart Disease | 109 | 31 | 27 - 47 | 108 | 32 | 28 - 48 |
| Severe Chronic Heart Disease | 68 | 21 | 13 - 33 | 64 | 23 | 11 - 33 |
| Severe Trauma | 3 | 33 | 6 - 87 | 3 | 0 | 2 - 81 |
| Gastrointestinal Disease | 158 | 4 | 1 - 9 | 116 | 3 | 1 - 10 |
| Gynecologic Disease | 27 | 0 | 0 -100 | 38 | 0 | 0 -100 |
| Low-Risk Heart Disease | 282 | 8 | 1 - 9 | 308 | 4 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 280 | 2 | 1 - 6 | 285 | 2 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 39 | 0 | 0 - 18 | 51 | 2 | 1 - 16 |
| Urologic Disease | 97 | 0 | 0 - 15 | 71 | 1 | 0 - 20 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 226 |
| Occupancy Rate (%): | 63 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 223 |
| Percent of Physicians Who Are Board Certified Specialists: | 79 |
| Interns and Residents: | 0 |
| Registered Nurses: | 116 |
| Licensed Practical Nurses: | 28 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# COMMUITY HOSPITAL OF SACRAMENTO

2251 HAWTHORNE STREET
SACRAMENTO, CA 95815

Medicare Hospital Provider Number: 050371

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 224 | 9 | 5 - 13 | 259 | 11 | 8 - 16 |
| Cancer | 1 | 0 | 1 - 97 | 5 | 40 | 10 - 81 |
| Cerebrovascular Accidents | 5 | 40 | 3 - 77 | 8 | 0 | 11 - 52 |
| Gastrointestinal Catastrophes | 2 | 0 | 8 - 92 | 4 | 25 | 1 - 85 |
| Infectious Disease | 3 | 0 | 3 - 79 | 3 | 67 | 7 - 88 |
| Metabolic/Electrolyte Disorders | 3 | 33 | 0 - 92 | 5 | 0 | 3 - 65 |
| Pulmonary Disease | 7 | 14 | 3 - 64 | 23 | 4 | 9 - 34 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 12 | 58 | 15 - 67 | 19 | 58 | 19 - 62 |
| Severe Chronic Heart Disease | 15 | 27 | 6 - 52 | 14 | 43 | 7 - 57 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 5 | 0 | 0 -100 | 15 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 11 | 9 | 0 -100 | 27 | 4 | 0 - 46 |
| Musculoskeletal/Skin Conditions | 28 | 0 | 0 - 97 | 30 | 0 | 0 - 92 |
| Neuropsychiatric/Sensory Disease | 70 | 0 | 0 - 18 | 2 | 0 | 0 -100 |
| Urologic Disease | 4 | 0 | 0 -100 | 7 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1979

| | |
|---|---|
| Total Beds (#): | 81 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 36 |
| Licensed Practical Nurses: | 21 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## COMMUNITY HOSP LOS GATOS SARATOGA

815 POLLARD RD
LOS GATOS, CA 95030

Medicare Hospital Provider Number: 050188

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 957 | 12 | 11 - 16 | 1,043 | 13 | 10 - 16 |
| Cancer | 17 | 35 | 22 - 66 | 27 | 22 | 18 - 52 |
| Cerebrovascular Accidents | 52 | 19 | 17 - 40 | 51 | 31 | 16 - 43 |
| Gastrointestinal Catastrophes | 11 | 45 | 11 - 67 | 5 | 40 | 12 - 83 |
| Infectious Disease | 12 | 17 | 12 - 58 | 11 | 27 | 12 - 64 |
| Metabolic/Electrolyte Disorders | 20 | 20 | 11 - 51 | 30 | 20 | 9 - 43 |
| Pulmonary Disease | 46 | 39 | 16 - 45 | 64 | 39 | 16 - 42 |
| Renal Failure | 4 | 50 | 12 - 90 | 3 | 33 | 6 - 89 |
| Severe Acute Heart Disease | 40 | 45 | 26 - 58 | 48 | 48 | 30 - 59 |
| Severe Chronic Heart Disease | 65 | 26 | 14 - 36 | 54 | 20 | 13 - 36 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 71 | 6 | 0 - 19 | 62 | 3 | 1 - 15 |
| Gynecologic Disease | 12 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 86 | 1 | 1 - 9 | 91 | 7 | 1 - 16 |
| Musculoskeletal/Skin Conditions | 80 | 2 | 1 - 11 | 87 | 0 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 19 | 5 | 0 - 95 | 25 | 4 | 0 - 86 |
| Urologic Disease | 59 | 0 | 0 - 12 | 105 | 2 | 0 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 209 |
| Occupancy Rate (%): | 39 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## COMMUNITY HOSP OF CHULA VISTA

751 MEDICAL CENTER COURT
CHULA VISTA, CA 92010

Medicare Hospital Provider Number: 050222

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,564 | 12 | 10 - 15 | 1,352 | 12 | 10 - 15 |
| Cancer | 73 | 58 | 33 - 59 | 50 | 48 | 33 - 63 |
| Cerebrovascular Accidents | 63 | 16 | 17 - 37 | 41 | 20 | 13 - 39 |
| Gastrointestinal Catastrophes | 17 | 24 | 13 - 56 | 8 | 38 | 14 - 74 |
| Infectious Disease | 12 | 33 | 13 - 64 | 21 | 29 | 19 - 60 |
| Metabolic/Electrolyte Disorders | 20 | 40 | 13 - 57 | 27 | 19 | 14 - 48 |
| Pulmonary Disease | 95 | 22 | 14 - 34 | 63 | 25 | 19 - 43 |
| Renal Failure | 6 | 33 | 7 - 78 | 3 | 67 | 3 - 87 |
| Severe Acute Heart Disease | 51 | 31 | 24 - 51 | 47 | 43 | 26 - 55 |
| Severe Chronic Heart Disease | 65 | 15 | 14 - 33 | 79 | 18 | 16 - 35 |
| Severe Trauma | 2 | 0 | 1 - 90 | 1 | 0 | 2 - 97 |
| Gastrointestinal Disease | 110 | 6 | 1 - 13 | 112 | 2 | 1 - 9 |
| Gynecologic Disease | 10 | 20 | 0 -100 | 13 | 0 | 0 - 85 |
| Low-Risk Heart Disease | 184 | 2 | 2 - 7 | 153 | 3 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 144 | 1 | 0 - 7 | 121 | 2 | 0 - 10 |
| Neuropsychiatric/Sensory Disease | 39 | 10 | 0 - 58 | 31 | 10 | 0 - 63 |
| Urologic Disease | 97 | 0 | 0 - 11 | 78 | 1 | 0 - 14 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 229 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 137 |
| Percent of Physicians Who Are Board Certified Specialists: | 80 |
| Interns and Residents: | 0 |
| Registered Nurses: | 115 |
| Licensed Practical Nurses: | 28 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## COMMUNITY HOSP OF HUNTINGTON PARK

2623 E SLAUSEN AVE
HUNTINGTON PARK, CA 90255

Medicare Hospital Provider Number: 050091

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 305 | 8 | 7 - 14 | 256 | 12 | 8 - 17 |
| Cancer | 4 | 100 | 28 - 92 | 14 | 43 | 27 - 76 |
| Cerebrovascular Accidents | 2 | 50 | 3 - 92 | 3 | 0 | 1 - 81 |
| Gastrointestinal Catastrophes | 1 | 100 | 1 - 97 | 2 | 0 | 1 - 90 |
| Infectious Disease | 7 | 14 | 10 - 67 | 6 | 67 | 13 - 79 |
| Metabolic/Electrolyte Disorders | 3 | 33 | 0 - 91 | 4 | 25 | 1 - 83 |
| Pulmonary Disease | 19 | 21 | 8 - 47 | 11 | 18 | 9 - 57 |
| Renal Failure | 1 | 100 | 3 - 98 | 0 | - | - |
| Severe Acute Heart Disease | 6 | 33 | 14 - 79 | 5 | 20 | 9 - 76 |
| Severe Chronic Heart Disease | 20 | 10 | 9 - 40 | 19 | 16 | 12 - 47 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 30 | 3 | 0 - 36 | 22 | 0 | 0 - 81 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 45 | 0 | 0 - 16 | 46 | 0 | 0 - 14 |
| Musculoskeletal/Skin Conditions | 28 | 4 | 0 - 82 | 25 | 8 | 0 - 75 |
| Neuropsychiatric/Sensory Disease | 7 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 21 | 0 | 0 -100 | 12 | 8 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 83 |
| Occupancy Rate (%): | 43 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 44 |
| Percent of Physicians Who Are Board Certified Specialists: | 50 |
| Interns and Residents: | 0 |
| Registered Nurses: | 35 |
| Licensed Practical Nurses: | 13 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## COMMUNITY HOSP OF SAN GABRIEL

218 S SANTA ANITA ST
SAN GABRIEL, CA 91776

Medicare Hospital Provider Number: 050132

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,110 | 14 | 11 - 16 | 2,099 | 13 | 12 - 16 |
| Cancer | 60 | 55 | 31 - 59 | 71 | 59 | 32 - 58 |
| Cerebrovascular Accidents | 106 | 24 | 18 - 36 | 93 | 16 | 20 - 37 |
| Gastrointestinal Catastrophes | 23 | 52 | 14 - 56 | 20 | 35 | 18 - 61 |
| Infectious Disease | 47 | 43 | 24 - 56 | 37 | 30 | 22 - 55 |
| Metabolic/Electrolyte Disorders | 51 | 29 | 13 - 44 | 46 | 20 | 13 - 42 |
| Pulmonary Disease | 180 | 30 | 21 - 38 | 177 | 34 | 21 - 39 |
| Renal Failure | 8 | 50 | 12 - 79 | 13 | 31 | 9 - 69 |
| Severe Acute Heart Disease | 73 | 45 | 26 - 50 | 70 | 41 | 28 - 53 |
| Severe Chronic Heart Disease | 124 | 25 | 16 - 33 | 122 | 20 | 17 - 34 |
| Severe Trauma | 4 | 50 | 3 - 82 | 5 | 0 | 9 - 67 |
| Gastrointestinal Disease | 114 | 1 | 1 - 7 | 105 | 7 | 1 - 14 |
| Gynecologic Disease | 22 | 5 | 0 -100 | 16 | 0 | 0 -100 |
| Low-Risk Heart Disease | 225 | 3 | 2 - 7 | 284 | 2 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 207 | 1 | 1 - 6 | 178 | 2 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 58 | 0 | 0 - 14 | 68 | 0 | 0 - 12 |
| Urologic Disease | 73 | 1 | 0 - 15 | 84 | 2 | 0 - 16 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 281 |
| Occupancy Rate (%): | 51 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 504 |
| Percent of Physicians Who Are Board Certified Specialists: | 64 |
| Interns and Residents: | 0 |
| Registered Nurses: | 80 |
| Licensed Practical Nurses: | 29 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## COMMUNITY HOSPITAL

3325 CHANATE RD
SANTA ROSA, CA 95404

Medicare Hospital Provider Number: 050291

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 860 | 15 | 10 - 16 | 927 | 13 | 11 - 17 |
| Cancer | 30 | 53 | 21 - 58 | 31 | 48 | 23 - 60 |
| Cerebrovascular Accidents | 31 | 26 | 12 - 44 | 48 | 29 | 17 - 44 |
| Gastrointestinal Catastrophes | 8 | 50 | 5 - 69 | 9 | 33 | 13 - 71 |
| Infectious Disease | 8 | 25 | 9 - 68 | 15 | 40 | 14 - 63 |
| Metabolic/Electrolyte Disorders | 26 | 27 | 12 - 50 | 22 | 9 | 10 - 42 |
| Pulmonary Disease | 52 | 33 | 14 - 42 | 60 | 22 | 16 - 40 |
| Renal Failure | 8 | 50 | 11 - 78 | 6 | 33 | 13 - 84 |
| Severe Acute Heart Disease | 43 | 35 | 20 - 50 | 47 | 36 | 25 - 54 |
| Severe Chronic Heart Disease | 51 | 25 | 14 - 39 | 44 | 18 | 15 - 39 |
| Severe Trauma | 8 | 13 | 5 - 61 | 4 | 25 | 3 - 80 |
| Gastrointestinal Disease | 42 | 2 | 0 - 25 | 51 | 2 | 1 - 14 |
| Gynecologic Disease | 13 | 8 | 0 -100 | 10 | 10 | 0 -100 |
| Low-Risk Heart Disease | 124 | 2 | 1 - 9 | 128 | 3 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 63 | 0 | 1 - 9 | 61 | 5 | 0 - 26 |
| Neuropsychiatric/Sensory Disease | 16 | 13 | 0 - 98 | 18 | 11 | 0 - 90 |
| Urologic Disease | 20 | 0 | 0 - 91 | 18 | 11 | 0 - 89 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 145 |
| Occupancy Rate (%): | 83 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

CH COMMUNITY HOSPITAL

October 21, 1988

TO: William L. Roper, MD, Administrator
Health Care Financing Administration

FROM: Larry E. Hood, CEO
Community Hospital, Santa Rosa
Medicare Provider 050291

Larry E. Hood

SUBJECT: Public Response to HCFA Mortality Data Release

Please find enclosed the public response to Community Hospital data set for calendar year 1987.

Thank you for the opportunity to comment on this information.

LEH/CM:slt

Medicare Provider 050291

Dear Health Care Consumer:

On behalf of the staff at Community Hospital, I appreciate the opportunity to comment on the release of Health Care Financing Administration (HCFA) hospital specific data for the 1987 calendar year. Prior to this response, the staff has reviewed the patient data and concurs with its accuracy.. We feel that being within the predicted mortality range for the diagnostic categories cited reflects Community Hospital's committment to providing the highest possible quality of care to our patients.

Community Hospital is a 145 bed medical teaching complex with a 500 member medical staff, as well as a nationally recognized Family Practice Residency program affiliated with the University of California. We offer a wide range of both inpatient and outpatient services and serve as referral center not only for Sonoma County's outlying areas, but for the two rural counties to the north, Lake and Mendocino as well. Referrals and services at Community Hospital are in the areas of major medical and surgical cases, trauma, dialysis, pulmonary rehabilitation, obstetrics and neonatology. As the only hospital north of San Francisco to have in-house magnetic resonance imaging, we are able to afford our patients state-of-the-art diagnostic imaging.

The Hospital's dedication to providing high quality medical care begins even before the patient enters the Hospital. Preadmission screening and teaching evaluate the level of services needed and begin preparation for the patient and family needs after discharge.

The ongoing quality monitoring program utilized by the medical staff assures that all mortalities, readmissions, complications and high risk procedures are reviewed and monitored.

Review of the 1987 data clearly reflects a correlation between ethical consideration and the mortality rate. Many of the deaths occurred in patients who had been fully informed of their prognosis and who had communicated to their physician wishes to refuse heroic life saving/prolonging measures. In instances when patients were unable to speak for themselves, the family wishes were given great consideration.

While the data shows Community Hospital to be well within the predicted range and thus consistent with national trends, there are three diagnostic categories that show the percentages of death to lie near the top of the range and deserve explanation.

Cancer - The predicted mortality range is 21%-58%; the actual rate at Community Hospital is 53% which represents 16 deaths.

o These patients were terminal upon admission, which was not for therapeutic management but comfort, and had requested no life prolonging measures.

Renal Failure - The predicted mortality range is 11%-78%; the actual rate at Community Hospital is 50% which represents 4 deaths. This is a very small percentage of actual cases and it should be noted that:

- These patients all had end stage renal disease with underlying illnesses that are by themselves life-threatening.

- These deaths occurred in patients who themselves or their families had requested no heroic life prolonging measures.

Gastrointestinal Catastrophies - The predicted mortality range is 51%-69%; the actual rate at Community Hospital is 50% which represents 4 deaths.

- It should be noted that again all of these patients had severe underlying diseases that were themselves life threatening.

- Two of four deaths occurred in patients whose requests for no heroics were honored.

Community Hospital has considered the data and feels that it reflects and supports our committment to providing high quality health care.

We would also like to comment on the "hospital characteristics" cited on the HCFA summary. It appears that these statistics are totally unrelated to our facility. The following are 1987 figures for Community Hospital (050291).

| | |
|---|---|
| Beds #: | 145 |
| Occupancy Rate %: | 68.8 |
| Ownership/Control: | County |

| Specialty Services | |
|---|---|
| Shock/Trauma/Burn: | No |
| Coronary Care Unit: | Yes |
| Organ Transplant Svcs: | No |
| Hospice Care: | No |

Staffing:

| | |
|---|---|
| Total number of physicians: | 445 |
| Percent of physicians who are Board certified specialists: | 65% |
| Interns and Residents per bed: | 0.20 |
| Registered Nurses per bed: | 0.74 |
| Licensed practical nurse per bed: | 0.14 |

Thank you for the opportunity to comment on this information.

Sincerely,

Larry E. Hood

Larry E. Hood
Chief Executive Officer

LEH/CM:slt

# COMMUNITY HOSPITAL OF GARDENA

1246 W 155TH ST
GARDENA, CA 90247

Medicare Hospital Provider Number: 050456

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 329 | 17 | 10 - 19 | 328 | 19 | 12 - 21 |
| Cancer | 10 | 40 | 17 - 72 | 11 | 73 | 24 - 75 |
| Cerebrovascular Accidents | 15 | 33 | 10 - 56 | 26 | 12 | 19 - 47 |
| Gastrointestinal Catastrophes | 7 | 57 | 9 - 74 | 3 | 33 | 10 - 91 |
| Infectious Disease | 11 | 36 | 12 - 66 | 10 | 40 | 10 - 67 |
| Metabolic/Electrolyte Disorders | 3 | 33 | 1 - 90 | 4 | 0 | 3 - 71 |
| Pulmonary Disease | 32 | 44 | 13 - 48 | 37 | 35 | 13 - 46 |
| Renal Failure | 2 | 50 | 6 - 95 | 2 | 100 | 1 - 91 |
| Severe Acute Heart Disease | 4 | 25 | 5 - 80 | 8 | 38 | 16 - 75 |
| Severe Chronic Heart Disease | 26 | 27 | 9 - 44 | 22 | 41 | 13 - 54 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 28 | 4 | 0 - 34 | 27 | 15 | 0 - 59 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 21 | 10 | 0 - 65 | 19 | 0 | 0 - 39 |
| Musculoskeletal/Skin Conditions | 20 | 5 | 0 - 65 | 24 | 4 | 0 - 80 |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Urologic Disease | 26 | 0 | 0 - 86 | 27 | 0 | 0 - 69 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 55 |
| Occupancy Rate (%): | 26 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 36 |
| Percent of Physicians Who Are Board Certified Specialists: | 69 |
| Interns and Residents: | 0 |
| Registered Nurses: | 23 |
| Licensed Practical Nurses: | 4 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

COMMUNITY
HOSPITAL
OF GARDENA

October 17, 1988

Health Standard & Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Attention: Ms. Sandra Kappert

Dear Ms. Kappert:

Thank you for sharing with us and extending us this opportunity to review the Medicare Mortality information about our hospital for the years 1986 and 1987 scheduled to be released to the public in December 1988.

Under our Hospital Characteristics data, under Specialty Services, there is an error which we would like corrected. We are a small hospital and do not do organ transplants. Our record indicates that we did not report this item as services provided by us on our 1986 Annual Survey of Hospital report to the American Hospital Association.

Our clinical medical staff Committees, Medicine, Surgery, and Intensive Care Unit, have always and continue to critically review every mortality case to assure that the care given our patients are of the highest quality.

Also, all death cases selected for review by CMRI were approved for quality of care.

Sincerely,

Raymond

Raymond Smith
Administrator

RS/ba

*1246 West 155th Street*
*P. O. Box 2106*
*Gardena, California 90247*
*Telephone (213) 323-5330*

*An Affiliate of*
HEALTHTRUST
INC. *The Hospital Company*

## COMMUNITY HOSPITAL OF SALINAS

970 CIRCLE DRIVE
SALINAS, CA 93905

Medicare Hospital Provider Number: 050544

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 160 | 12 | 4 - 15 | 177 | 13 | 5 - 16 |
| Cancer | 5 | 40 | 13 - 84 | 1 | 0 | 2 - 97 |
| Cerebrovascular Accidents | 6 | 0 | 5 - 57 | 2 | 0 | 1 - 91 |
| Gastrointestinal Catastrophes | 0 | - | - | 2 | 50 | 2 - 92 |
| Infectious Disease | 1 | 0 | 0 -100 | 2 | 100 | 4 - 88 |
| Metabolic/Electrolyte Disorders | 2 | 0 | 0 - 97 | 3 | 0 | 0 - 96 |
| Pulmonary Disease | 9 | 44 | 8 - 67 | 10 | 20 | 3 - 58 |
| Renal Failure | 0 | - | - | 1 | 0 | 3 - 99 |
| Severe Acute Heart Disease | 2 | 100 | 8 - 91 | 7 | 71 | 15 - 76 |
| Severe Chronic Heart Disease | 5 | 40 | 1 - 80 | 7 | 14 | 4 - 63 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 13 | 15 | 0 -100 | 13 | 0 | 0 - 90 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 18 | 0 | 0 - 61 | 27 | 7 | 0 - 85 |
| Musculoskeletal/Skin Conditions | 17 | 18 | 0 -100 | 26 | 4 | 0 - 98 |
| Neuropsychiatric/Sensory Disease | 7 | 0 | 0 -100 | 10 | 0 | 0 - 99 |
| Urologic Disease | 21 | 0 | 0 - 99 | 9 | 11 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 42 |
| Occupancy Rate (%): | 41 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 88 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 21 |
| Licensed Practical Nurses: | 15 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CORCORAN DISTRICT HOSP

1310 HANNA AVE
CORCORAN, CA 93212

Medicare Hospital Provider Number: 050349

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 104 | 12 | 7 - 21 | 107 | 11 | 6 - 19 |
| Cancer | 1 | 0 | 0 - 98 | 0 | - | - |
| Cerebrovascular Accidents | 5 | 20 | 5 - 74 | 3 | 33 | 3 - 86 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 1 | 0 | 2 - 98 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 5 | 20 | 3 - 75 | 6 | 17 | 1 - 79 |
| Pulmonary Disease | 4 | 0 | 1 - 75 | 4 | 25 | 1 - 85 |
| Renal Failure | 0 | - | - | 1 | 100 | 3 - 99 |
| Severe Acute Heart Disease | 6 | 50 | 8 - 76 | 6 | 50 | 15 - 82 |
| Severe Chronic Heart Disease | 11 | 18 | 9 - 57 | 8 | 50 | 3 - 69 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 6 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 16 | 6 | 0 - 80 | 19 | 5 | 0 - 69 |
| Musculoskeletal/Skin Conditions | 7 | 0 | 0 - 87 | 6 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 4 | 0 | 0 -100 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 32 |
| Occupancy Rate (%): | 31 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 16 |
| Percent of Physicians Who Are Board Certified Specialists: | 31 |
| Interns and Residents: | 0 |
| Registered Nurses: | 6 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CORNING MEM HOSP

275 MARGUERITE AVE
CORNING, CA 96021

Medicare Hospital Provider Number: 050187

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 56 | 9 | 7 - 24 | 101 | 14 | 5 - 20 |
| Cancer | 2 | 100 | 11 - 96 | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 2 | 0 | 0 - 93 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 0 | 1 - 97 |
| Infectious Disease | 1 | 0 | 0 - 99 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 5 | 20 | 4 - 74 | 5 | 0 | 4 - 64 |
| Pulmonary Disease | 5 | 0 | 11 - 67 | 2 | 50 | 0 - 95 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 3 | 33 | 7 - 88 |
| Severe Chronic Heart Disease | 5 | 0 | 2 - 64 | 16 | 44 | 4 - 54 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 3 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 3 | 0 | 0 -100 | 18 | 6 | 0 - 90 |
| Musculoskeletal/Skin Conditions | 6 | 17 | 0 -100 | 4 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Urologic Disease | 0 | - | - | 8 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

| | |
|---|---|
| Total Beds (#): | 30 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 7 |
| Licensed Practical Nurses: | 5 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# CORONA COMMUNITY HOSP

812 SOUTH MAIN ST
CORONA,, CA 91720

Medicare Hospital Provider Number: 050345

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 730 | 12 | 9 - 15 | 813 | 15 | 10 - 16 |
| Cancer | 16 | 50 | 24 - 71 | 21 | 38 | 24 - 65 |
| Cerebrovascular Accidents | 32 | 22 | 16 - 46 | 44 | 43 | 16 - 46 |
| Gastrointestinal Catastrophes | 8 | 38 | 11 - 72 | 7 | 57 | 8 - 73 |
| Infectious Disease | 10 | 60 | 11 - 68 | 10 | 30 | 12 - 67 |
| Metabolic/Electrolyte Disorders | 28 | 29 | 9 - 47 | 26 | 31 | 15 - 53 |
| Pulmonary Disease | 61 | 33 | 14 - 39 | 68 | 34 | 17 - 42 |
| Renal Failure | 4 | 25 | 6 - 83 | 2 | 0 | 4 - 90 |
| Severe Acute Heart Disease | 19 | 42 | 18 - 61 | 17 | 35 | 19 - 63 |
| Severe Chronic Heart Disease | 20 | 30 | 10 - 50 | 34 | 24 | 13 - 43 |
| Severe Trauma | 1 | 0 | 1 - 97 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 48 | 0 | 2 - 11 | 36 | 14 | 0 - 51 |
| Gynecologic Disease | 8 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 88 | 1 | 2 - 9 | 104 | 7 | 1 - 14 |
| Musculoskeletal/Skin Conditions | 104 | 2 | 0 - 11 | 118 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 11 | 0 | 0 -100 | 11 | 9 | 0 -100 |
| Urologic Disease | 38 | 3 | 0 - 42 | 34 | 3 | 0 - 51 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 148 |
| Occupancy Rate (%): | 51 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 125 |
| Percent of Physicians Who Are Board Certified Specialists: | 54 |
| Interns and Residents: | 0 |
| Registered Nurses: | 96 |
| Licensed Practical Nurses: | 29 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CORONADO HOSP

250 PROSPECT PLACE
CORONADO, CA 92118

Medicare Hospital Provider Number: 050234

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 590 | 10 | 9 - 15 | 595 | 11 | 10 - 16 |
| Cancer | 20 | 60 | 22 - 64 | 16 | 50 | 16 - 64 |
| Cerebrovascular Accidents | 25 | 48 | 14 - 52 | 23 | 22 | 12 - 47 |
| Gastrointestinal Catastrophes | 4 | 50 | 9 - 85 | 3 | 33 | 4 - 86 |
| Infectious Disease | 8 | 38 | 11 - 72 | 13 | 23 | 12 - 59 |
| Metabolic/Electrolyte Disorders | 7 | 0 | 4 - 54 | 6 | 0 | 3 - 59 |
| Pulmonary Disease | 32 | 22 | 16 - 47 | 38 | 29 | 14 - 45 |
| Renal Failure | 4 | 75 | 9 - 86 | 6 | 50 | 13 - 84 |
| Severe Acute Heart Disease | 14 | 43 | 16 - 65 | 21 | 33 | 20 - 60 |
| Severe Chronic Heart Disease | 24 | 8 | 11 - 38 | 34 | 18 | 12 - 40 |
| Severe Trauma | 3 | 67 | 6 - 88 | 1 | 0 | 2 - 97 |
| Gastrointestinal Disease | 38 | 0 | 0 - 16 | 38 | 0 | 0 - 17 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 80 | 4 | 1 - 13 | 68 | 0 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 56 | 2 | 0 - 18 | 42 | 2 | 0 - 25 |
| Neuropsychiatric/Sensory Disease | 35 | 3 | 0 - 32 | 27 | 4 | 0 - 48 |
| Urologic Disease | 23 | 0 | 0 - 73 | 23 | 0 | 0 - 60 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 115
Occupancy Rate (%): 69
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 174
Percent of Physicians Who Are Board Certified Specialists: 74
Interns and Residents: 0
Registered Nurses: 71
Licensed Practical Nurses: 16

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## COSTA MESA MED CTR HOSP

301 VICTORIA ST
COSTA MESA, CA 92627

Medicare Hospital Provider Number: 050543

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 320 | 22 | 13 - 23 | 413 | 17 | 10 - 18 |
| Cancer | 7 | 43 | 19 - 82 | 12 | 58 | 14 - 67 |
| Cerebrovascular Accidents | 17 | 47 | 16 - 61 | 10 | 40 | 10 - 66 |
| Gastrointestinal Catastrophes | 3 | 33 | 2 - 86 | 2 | 0 | 1 - 92 |
| Infectious Disease | 10 | 40 | 11 - 68 | 6 | 0 | 14 - 64 |
| Metabolic/Electrolyte Disorders | 19 | 21 | 8 - 50 | 18 | 33 | 6 - 53 |
| Pulmonary Disease | 33 | 36 | 18 - 52 | 36 | 33 | 14 - 46 |
| Renal Failure | 1 | 0 | 3 - 98 | 4 | 75 | 9 - 86 |
| Severe Acute Heart Disease | 13 | 62 | 13 - 63 | 18 | 50 | 21 - 65 |
| Severe Chronic Heart Disease | 20 | 30 | 7 - 48 | 19 | 32 | 11 - 53 |
| Severe Trauma | 2 | 50 | 1 - 92 | 0 | - | - |
| Gastrointestinal Disease | 21 | 5 | 0 - 61 | 24 | 4 | 0 - 58 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 32 | 3 | 0 - 29 | 40 | 7 | 0 - 36 |
| Musculoskeletal/Skin Conditions | 23 | 0 | 1 - 22 | 42 | 10 | 0 - 58 |
| Neuropsychiatric/Sensory Disease | 4 | 25 | 0 - 97 | 14 | 0 | 0 - 61 |
| Urologic Disease | 6 | 0 | 0 - 80 | 17 | 0 | 0 - 50 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 99 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 40 |
| Licensed Practical Nurses: | 3 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## COVINA VALLEY COMMUNITY HOSPITAL

845 N LARK ELLEN AVE
WEST COVINA, CA 91791

Medicare Hospital Provider Number: 050483

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 584 | 18 | 11 - 18 | 577 | 14 | 11 - 18 |
| Cancer | 11 | 45 | 20 - 74 | 13 | 62 | 27 - 77 |
| Cerebrovascular Accidents | 20 | 20 | 14 - 50 | 18 | 6 | 12 - 41 |
| Gastrointestinal Catastrophes | 2 | 50 | 1 - 93 | 5 | 40 | 6 - 78 |
| Infectious Disease | 12 | 33 | 14 - 65 | 10 | 30 | 11 - 66 |
| Metabolic/Electrolyte Disorders | 32 | 19 | 7 - 40 | 14 | 14 | 8 - 51 |
| Pulmonary Disease | 71 | 46 | 19 - 44 | 70 | 27 | 17 - 41 |
| Renal Failure | 11 | 45 | 17 - 78 | 13 | 46 | 20 - 80 |
| Severe Acute Heart Disease | 12 | 50 | 17 - 69 | 8 | 38 | 20 - 80 |
| Severe Chronic Heart Disease | 22 | 32 | 14 - 53 | 31 | 26 | 14 - 46 |
| Severe Trauma | 2 | 50 | 0 - 95 | 2 | 50 | 0 - 95 |
| Gastrointestinal Disease | 39 | 5 | 0 - 39 | 53 | 2 | 1 - 14 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Low-Risk Heart Disease | 75 | 4 | 0 - 16 | 78 | 4 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 32 | 0 | 0 - 26 | 31 | 0 | 0 - 23 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 - 98 | 13 | 0 | 0 - 99 |
| Urologic Disease | 19 | 0 | 0 - 38 | 18 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 76 |
| Occupancy Rate (%): | 50 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 109 |
| Percent of Physicians Who Are Board Certified Specialists: | 27 |
| Interns and Residents: | 0 |
| Registered Nurses: | 50 |
| Licensed Practical Nurses: | 22 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## CRENSHAW CENTER HOSPITAL

3831 STOCKER STREET
LOS ANGELES, CA 90008

Medicare Hospital Provider Number: 050011

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 265 | 15 | 7 - 17 | 142 | 10 | 7 - 17 |
| Cancer | 2 | 100 | 11 - 95 | 2 | 50 | 4 - 92 |
| Cerebrovascular Accidents | 16 | 25 | 10 - 52 | 11 | 27 | 9 - 61 |
| Gastrointestinal Catastrophes | 2 | 0 | 3 - 88 | 0 | - | - |
| Infectious Disease | 4 | 75 | 8 - 82 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 2 | 50 | 0 - 96 | 1 | 0 | 2 - 97 |
| Pulmonary Disease | 14 | 50 | 12 - 62 | 3 | 0 | 0 - 89 |
| Renal Failure | 4 | 0 | 2 - 76 | 3 | 33 | 3 - 87 |
| Severe Acute Heart Disease | 5 | 40 | 8 - 79 | 1 | 0 | 2 - 98 |
| Severe Chronic Heart Disease | 11 | 9 | 7 - 50 | 11 | 36 | 7 - 61 |
| Severe Trauma | 2 | 0 | 1 - 90 | 0 | - | - |
| Gastrointestinal Disease | 15 | 0 | 0 - 52 | 8 | 0 | 0 - 62 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 37 | 3 | 0 - 24 | 17 | 0 | 1 - 34 |
| Musculoskeletal/Skin Conditions | 30 | 3 | 0 - 94 | 20 | 0 | 0 - 56 |
| Neuropsychiatric/Sensory Disease | 7 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 5 | 0 | 0 -100 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 48 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## DAMERON HOSP

525 WEST ACACIA STREET
STOCKTON, CA 95203

Medicare Hospital Provider Number: 050122

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,792 | 15 | 11 - 16 | 1,674 | 14 | 11 - 16 |
| Cancer | 74 | 49 | 28 - 55 | 43 | 35 | 25 - 56 |
| Cerebrovascular Accidents | 66 | 32 | 17 - 40 | 61 | 33 | 16 - 40 |
| Gastrointestinal Catastrophes | 27 | 48 | 21 - 60 | 21 | 24 | 17 - 57 |
| Infectious Disease | 39 | 38 | 22 - 55 | 36 | 44 | 25 - 60 |
| Metabolic/Electrolyte Disorders | 25 | 20 | 7 - 44 | 29 | 31 | 11 - 48 |
| Pulmonary Disease | 94 | 21 | 20 - 40 | 91 | 33 | 18 - 40 |
| Renal Failure | 20 | 20 | 19 - 70 | 13 | 54 | 17 - 77 |
| Severe Acute Heart Disease | 70 | 39 | 26 - 50 | 83 | 51 | 30 - 53 |
| Severe Chronic Heart Disease | 121 | 26 | 15 - 32 | 107 | 20 | 14 - 31 |
| Severe Trauma | 7 | 57 | 5 - 72 | 3 | 67 | 1 - 91 |
| Gastrointestinal Disease | 92 | 3 | 1 - 13 | 81 | 0 | 1 - 7 |
| Gynecologic Disease | 29 | 0 | 0 -100 | 34 | 0 | 0 -100 |
| Low-Risk Heart Disease | 265 | 6 | 1 - 8 | 221 | 5 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 104 | 2 | 1 - 10 | 94 | 2 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 60 | 2 | 0 - 16 | 49 | 2 | 0 - 21 |
| Urologic Disease | 72 | 1 | 0 - 40 | 88 | 1 | 0 - 19 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 220 |
| Occupancy Rate (%): | 63 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 265 |
| Percent of Physicians Who Are Board Certified Specialists: | 56 |
| Interns and Residents: | 0 |
| Registered Nurses: | 178 |
| Licensed Practical Nurses: | 123 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

MEDICARE PROVIDER NUMBER: 050122

DAMERON HOSPITAL ASSOCIATION

Luis Arismendi, M.D., F.A.C.S.
President and Administrator
James R. Powell, M.D., F.A.C.S.
Vice-President
Harold J. Willis
Secretary-Treasurer
DIRECTORS
Herbert H. Harper
Harry D. Holt
William Latham, M.D., F.A.A.F.P.
Clarence Luckey, M.D., F.A.C.S.
BOARD OF MEMBERSHIP
James Anthony
Richard Bozzano
John R. Dorothea
Carlton Hironymous
William Low, D.D.S.
Frank E. Orozco
Norma Petersen, R.N.
Sam L. Toccoli
Robert M. Sawyer
Ann Stallworth
Donald Stewart
Harjit Sud, M.D.
Chief of Staff
Harry N. John, M.D.
Chief of Staff Elect

October 19, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Enclosed are Dameron Hospital's comments regarding the 1987 HCFA Mortality Data. The mortality data provided by HCFA has been reviewed and found to be accurate.

As Dameron Hospital did not respond to the 1987 AHA Survey, the following changes should be noted.

## HOSPITAL CHARACTERISTICS- CALENDAR YEAR 1987

Number of Beds: 220
Occupancy Rate: 76 %
Total Number of Physicians: 374
Percent of Physicians who are
Board Certified Specialists: 76 %
Registered Nurses per bed: .95
Licensed Practical Nurses per bed: .5

## COMMENTS REGARDING MORTALITY DATA

Due to the fact that Dameron Hospital is a disportionate Hospital, the hospital admits a greater number of patients who have not had previous medical care, or a primary care physician. These people are at a higher risk than those who have sought or obtained medical care on a regular basis.

Upon review of the data under the category of Gastrointestinal Catastrophes, it is noted that 37 % of the patients within that diagnostic category were chronic alcohol abusers who had a diagnosis of end stage liver cirrhosis, therefore, the deaths were expected.

A NON PROFIT ORGANIZATION • 525 WEST ACACIA STREET • STOCKTON, CALIFORNIA 95203-9989 • TELEPHONE (209) 944-5550

Also, patients within this group whose diagnosis was based on the last hospital admission in 1987, were included in the mortality rate for Gastrointestinal Catastrophes when their true cause of death was actually their secondary diagnoses of terminal cancer, thereby askewing the statistics by basing the percentages on payment categories rather than definitive cause of death.

Sincerely yours,
Mary Armstrong
Mary Armstrong, M.S.
Assistant Administrator

# DANIEL FREEMAN MARINA HOSPITAL

4650 LINCOLN BLVD
MARINA DEL REY, CA 90291

Medicare Hospital Provider Number: 050559

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 837 | 16 | 11 - 17 | 838 | 15 | 9 - 15 |
| Cancer | 23 | 61 | 25 - 65 | 19 | 42 | 21 - 65 |
| Cerebrovascular Accidents | 47 | 21 | 13 - 38 | 48 | 35 | 16 - 44 |
| Gastrointestinal Catastrophes | 12 | 25 | 9 - 60 | 9 | 11 | 14 - 64 |
| Infectious Disease | 14 | 50 | 16 - 66 | 16 | 44 | 15 - 63 |
| Metabolic/Electrolyte Disorders | 16 | 44 | 6 - 56 | 12 | 42 | 10 - 63 |
| Pulmonary Disease | 54 | 37 | 16 - 44 | 29 | 34 | 10 - 46 |
| Renal Failure | 4 | 25 | 10 - 86 | 5 | 20 | 9 - 81 |
| Severe Acute Heart Disease | 46 | 48 | 28 - 58 | 34 | 59 | 24 - 57 |
| Severe Chronic Heart Disease | 58 | 26 | 13 - 37 | 46 | 22 | 11 - 36 |
| Severe Trauma | 2 | 0 | 2 - 89 | 7 | 43 | 5 - 72 |
| Gastrointestinal Disease | 35 | 0 | 0 - 20 | 34 | 6 | 0 - 66 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 78 | 4 | 1 - 13 | 105 | 4 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 94 | 3 | 0 - 13 | 95 | 5 | 0 - 24 |
| Neuropsychiatric/Sensory Disease | 25 | 4 | 0 - 63 | 26 | 4 | 0 - 91 |
| Urologic Disease | 24 | 4 | 0 - 79 | 31 | 0 | 0 - 29 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 203 |
| Occupancy Rate (%): | 42 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 139 |
| Percent of Physicians Who Are Board Certified Specialists: | 81 |
| Interns and Residents: | 0 |
| Registered Nurses: | 111 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## DANIEL FREEMAN MEMORIAL HOSPITAL

333 NORTH PRAIRIE AVENUE
INGLEWOOD, CA 90301

Medicare Hospital Provider Number: 050267

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,854 | 12 | 11 - 15 | 2,771 | 14 | 12 - 16 |
| Cancer | 113 | 44 | 32 - 55 | 132 | 51 | 33 - 55 |
| Cerebrovascular Accidents | 172 | 24 | 20 - 35 | 137 | 28 | 20 - 37 |
| Gastrointestinal Catastrophes | 28 | 25 | 20 - 56 | 23 | 43 | 19 - 61 |
| Infectious Disease | 47 | 34 | 18 - 49 | 44 | 55 | 22 - 55 |
| Metabolic/Electrolyte Disorders | 51 | 41 | 14 - 46 | 68 | 29 | 14 - 42 |
| Pulmonary Disease | 120 | 29 | 19 - 38 | 105 | 31 | 18 - 38 |
| Renal Failure | 15 | 33 | 17 - 73 | 14 | 36 | 12 - 71 |
| Severe Acute Heart Disease | 107 | 26 | 28 - 47 | 106 | 34 | 28 - 49 |
| Severe Chronic Heart Disease | 152 | 22 | 16 - 31 | 132 | 23 | 17 - 33 |
| Severe Trauma | 5 | 20 | 4 - 75 | 10 | 30 | 11 - 67 |
| Gastrointestinal Disease | 132 | 3 | 1 - 9 | 159 | 3 | 1 - 8 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 441 | 4 | 2 - 7 | 399 | 4 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 218 | 3 | 1 - 7 | 235 | 2 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 78 | 1 | 1 - 11 | 78 | 3 | 0 - 14 |
| Urologic Disease | 91 | 1 | 0 - 19 | 74 | 0 | 0 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 403
Occupancy Rate (%): 67
Ownership/Control: Church

STAFFING

Total Number of Physicians: 535
Percent of Physicians Who Are Board Certified Specialists: 65
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

DANIEL
FREEMAN
HOSPITALS
INC.

[illegible] Health Care Corp.
[illegible] North Prairie Avenue
Inglewood, CA 90301
[illegible] 674-7050

---

October 20, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Health Standards & Quality Bureau
Hospital Mortality Information
P.O. Box 26684
Baltimore, MD 21207

Dear Dr. Roper,

Once again, the HCFA actual and predicted mortality rates for Daniel Freeman Memorial Hospital shows a performance well within the expected and acceptable ranges. The 1987 data shows that Daniel Freeman Memorial Hospital was at or below the predicted 50th percentile in 16 of the 17 catagories -- and in one (severe acute heart disease) showed an actual mortality rate less than the predicted. When compared with the 1986 data, the trend in these 16 categories shows a decrease at Daniel Freeman Memorial Hospital in the actual mortality from 1986 to 1987 despite a predicted increase in the range. Assuming Daniel Freeman Memorial Hospital's experience of caring for a patient population with an increasing severity of illness parallels the experience of other hospitals across the nation, Daniel Freeman Memorial Hospital can be proud of this data.

It is understood that a severity of illness measuring system has not been applied to this patient base. Consequently, a correlation between quality of care and mortality rates is not warranted. Daniel Freeman Memorial Hospital serves as a major referral center for secondary and tertiary care; nevertheless, Daniel Freeman Memorial Hospital is able to demonstrate, based upon mortality rate numbers, a system of healthcare delivery that provides outcomes well within predicted ranges.

Respectfully,

Sister Regina Clare

Sister Regina Clare Salazar
President and Chief Executive Officer

Arthur Schapiro

Arthur E. Schapiro, M.D.
Vice President
Medical Affairs

RCS/AES:nch

## DEL PUERTO HOSP

SOUTH 9TH STREET - P O BOX 187
PATTERSON, CA 95363

Medicare Hospital Provider Number: 050274

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 96 | 15 | 7 - 22 | 106 | 8 | 5 - 16 |
| Cancer | 0 | - | - | 1 | 100 | 3 - 99 |
| Cerebrovascular Accidents | 5 | 80 | 11 - 77 | 3 | 33 | 2 - 86 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 1 | 0 | 0 - 99 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 13 | 8 | 5 - 47 | 6 | 33 | 5 - 73 |
| Pulmonary Disease | 13 | 31 | 6 - 56 | 10 | 10 | 4 - 52 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 1 | 0 | 1 - 97 | 1 | 0 | 0 - 98 |
| Severe Chronic Heart Disease | 7 | 0 | 4 - 52 | 4 | 25 | 1 - 84 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 4 | 0 | 0 -100 | 12 | 0 | 0 - 92 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 5 | 0 | 0 -100 | 14 | 0 | 0 - 77 |
| Musculoskeletal/Skin Conditions | 2 | 0 | 0 -100 | 15 | 7 | 0 - 99 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 6 | 17 | 0 -100 | 6 | 0 | 0 - 86 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 43 |
| Occupancy Rate (%): | 38 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 10 |
| Percent of Physicians Who Are Board Certified Specialists: | 100 |
| Interns and Residents: | 0 |
| Registered Nurses: | 15 |
| Licensed Practical Nurses: | 5 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## DELANO REGIONAL MEDICAL CTR

1401 GARCES HIGHWAY
DELANO, CA 93215

Medicare Hospital Provider Number: 050608

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 719 | 11 | 11 - 17 | 728 | 10 | 12 - 17 |
| Cancer | 21 | 57 | 30 - 72 | 12 | 33 | 28 - 79 |
| Cerebrovascular Accidents | 25 | 24 | 12 - 46 | 15 | 20 | 14 - 55 |
| Gastrointestinal Catastrophes | 5 | 20 | 10 - 78 | 5 | 20 | 7 - 75 |
| Infectious Disease | 6 | 33 | 9 - 76 | 9 | 11 | 15 - 64 |
| Metabolic/Electrolyte Disorders | 23 | 9 | 13 - 44 | 27 | 22 | 15 - 50 |
| Pulmonary Disease | 78 | 24 | 20 - 41 | 77 | 18 | 18 - 39 |
| Renal Failure | 1 | 0 | 0 -100 | 5 | 20 | 12 - 83 |
| Severe Acute Heart Disease | 24 | 38 | 22 - 60 | 26 | 42 | 24 - 61 |
| Severe Chronic Heart Disease | 34 | 21 | 16 - 45 | 41 | 12 | 15 - 37 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 43 | 5 | 0 - 24 | 46 | 2 | 1 - 16 |
| Gynecologic Disease | 8 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 118 | 3 | 1 - 10 | 134 | 4 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 37 | 0 | 0 - 25 | 30 | 0 | 0 - 29 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 -100 | 6 | 0 | 0 - 99 |
| Urologic Disease | 75 | 0 | 0 - 9 | 60 | 3 | 0 - 23 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 120 |
| Occupancy Rate (%): | 79 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 24 |
| Percent of Physicians Who Are Board Certified Specialists: | 29 |
| Interns and Residents: | 0 |
| Registered Nurses: | 68 |
| Licensed Practical Nurses: | 24 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# DELTA MEMORIAL HOSP

3901 LONE TREE WAY
ANTIOCH, CA 94509

Medicare Hospital Provider Number: 050523

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 703 | 18 | 10 - 17 | 715 | 16 | 10 - 16 |
| Cancer | 9 | 44 | 15 - 73 | 12 | 25 | 15 - 64 |
| Cerebrovascular Accidents | 38 | 34 | 13 - 44 | 34 | 35 | 19 - 51 |
| Gastrointestinal Catastrophes | 8 | 50 | 13 - 74 | 8 | 50 | 11 - 73 |
| Infectious Disease | 12 | 50 | 16 - 69 | 13 | 38 | 17 - 67 |
| Metabolic/Electrolyte Disorders | 10 | 40 | 10 - 67 | 7 | 57 | 5 - 71 |
| Pulmonary Disease | 55 | 44 | 13 - 41 | 44 | 36 | 12 - 42 |
| Renal Failure | 3 | 100 | 13 - 88 | 1 | 100 | 3 - 99 |
| Severe Acute Heart Disease | 38 | 39 | 24 - 55 | 25 | 32 | 23 - 60 |
| Severe Chronic Heart Disease | 58 | 29 | 15 - 39 | 59 | 44 | 14 - 40 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 43 | 7 | 0 - 37 | 41 | 7 | 0 - 38 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Low-Risk Heart Disease | 76 | 13 | 0 - 28 | 62 | 8 | 0 - 26 |
| Musculoskeletal/Skin Conditions | 57 | 2 | 0 - 16 | 62 | 5 | 0 - 49 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 14 | 0 | 0 - 77 |
| Urologic Disease | 31 | 0 | 0 - 29 | 30 | 3 | 0 - 51 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 53 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 71 |
| Percent of Physicians Who Are Board Certified Specialists: | 73 |
| Interns and Residents: | 0 |
| Registered Nurses: | 57 |
| Licensed Practical Nurses: | 21 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

DELTA MEMORIAL HOSPITAL MEDICAL STAFF
SUMNER S. SEIBERT, M.D. Chief of Staff
BRIAN D. HERSHEY, M.D. Secretary-Treasurer
DANIEL L. ZIMMERMAN, M.D. Chief of Staff Elect
RICHARD N. SLARVE, M.D. Immediate Past Chief of Staff

October 6, 1988

Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for your letter of September 15, 1988, which was received on September 22, 1988.

Since receiving the report, a number of people at Delta Memorial Hospital have had an opportunity to review the data. Our Director of Medical Records has, with a few exceptions, validated HCFA's data as being accurate and reflective of statistics at our facility. The CEO of the hospital, Q.A. Chairman, Q.A. Committee and Q.A. Coordinator as well as the relevant chairs and committees of the various services have reviewed every death that has occurred in this hospital, not only those in which the death rate was significantly higher than the state averages. Based on our comprehensive review of HCFA's data and indeed of the entire death registry, we present the following comments and thank you for your concern and involvement.

The statistics show that in three categories, the mortality rate was slightly above the range for predicted mortality. The 18% rate of mortality from all causes was 1% point above the range. Two others were elevated - that being pulmonary disease (44% compared to upper limit of 41%) and renal failure (100% as opposed to 88% for predicted value).

The slight increase in overall mortality is felt to be due to the average age of patients at Delta Memorial Hospital being significantly higher than that of the general hospital population.

Only three patients died from renal failure in the calendar year, 1987, and as such did not represent a statistically valid sampling but, again, review on a case-by-case basis demonstrates that each of these three patients had at least three and often times more co-morbidity causes. The average age of the three renal failure patients was in excess of 81 years with one being 96 years.

The average age of the patients with pulmonary disease was 78 years. One patient actually died in the emergency room before admission to the hospital itself and if that patient were subtracted, the 44% becomes 42% which would be a 1% point above the upper limit of 41%. Needless to say, given the average age of 78 years many, if not most, have co-morbidity factors. Of

3901 LONE TREE WAY • ANTIOCH, CA 94509 • (415) 779-7200

the 55 pulmonary deaths registered, only 18 occurred while the patients were in the care of Delta Memorial Hospital. Each of these 18 deaths were reviewed and each had other co-morbidity factors.

The above information and analyses have been shared with the Medical Executive Committee and the Chief of Staff as well as the CEO. The information will be made available at the monthly medical staff meeting. Allow me to repeat again that all deaths in this hospital are reviewed by the appropriate service committee.

Thank you for this opportunity to comment upon your letter and statistics. If there are any further questions, please feel free to contact us.

Truly yours,

Bailey Lee, M.D.
Chairman
Quality Assurance Committee

BL:hgs

## DESERT HOSPITAL CORP

1150 N INDIAN AVE
PALM SPRINGS, CA 92262

Medicare Hospital Provider Number: 050243

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,943 | 11 | 10 - 14 | 2,968 | 11 | 10 - 14 |
| Cancer | 105 | 48 | 29 - 52 | 120 | 36 | 30 - 52 |
| Cerebrovascular Accidents | 134 | 22 | 18 - 34 | 122 | 24 | 19 - 37 |
| Gastrointestinal Catastrophes | 20 | 20 | 12 - 51 | 33 | 30 | 18 - 54 |
| Infectious Disease | 17 | 53 | 19 - 66 | 22 | 23 | 17 - 56 |
| Metabolic/Electrolyte Disorders | 23 | 17 | 12 - 48 | 39 | 33 | 14 - 48 |
| Pulmonary Disease | 137 | 31 | 18 - 37 | 123 | 22 | 18 - 36 |
| Renal Failure | 10 | 40 | 10 - 74 | 9 | 22 | 12 - 74 |
| Severe Acute Heart Disease | 143 | 31 | 30 - 48 | 104 | 40 | 28 - 49 |
| Severe Chronic Heart Disease | 112 | 13 | 18 - 32 | 89 | 26 | 18 - 38 |
| Severe Trauma | 12 | 25 | 6 - 59 | 7 | 14 | 7 - 66 |
| Gastrointestinal Disease | 156 | 2 | 1 - 7 | 172 | 2 | 1 - 7 |
| Gynecologic Disease | 17 | 0 | 0 -100 | 17 | 0 | 0 - 65 |
| Low-Risk Heart Disease | 390 | 4 | 2 - 6 | 435 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 283 | 2 | 1 - 6 | 282 | 3 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 127 | 2 | 0 - 10 | 187 | 3 | 0 - 10 |
| Urologic Disease | 145 | 2 | 0 - 11 | 131 | 3 | 0 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 330 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 104 |
| Percent of Physicians Who Are Board Certified Specialists: | 0 |
| Interns and Residents: | 0 |
| Registered Nurses: | 310 |
| Licensed Practical Nurses: | 55 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Medicare Provider
Number 05-0243

DESERT
HOSPITAL

October 14, 1988

Health Standards and Quality Bureau
HCFA
2-D-Z Meadow S East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

Dear Sirs:

Thank you for this opportunity to respond to the release of data on hospital mortality rates. Since receiving the report, Desert Hospital has had an opportunity to review the data.

A committee of individuals representing the Desert Hospital Medical Staff, Quality Assurance, Medical Records and Administration has validated that, with minor exceptions, the data is accurate. We are pleased that in all categories our rates are well within or below the predicted ranges.

The Medical Staff of Desert Hospital, as has been the practice, will continue to review all mortality cases for quality and appropriateness of care rendered to the individual patient.

As it relates to the hospital characteristics section of the report, it should be noted that a number of inaccuracies exist. Desert Hospital operates 330 beds as a private, non-profit community hospital. Also, please note that Desert Hospital does provide hospice care in an inpatient hospice unit and as a part of a comprehensive home-care program.

In addition to the above points, anyone reviewing the statistics will be interested to know that Desert Hospital is a Regional Trauma Center. All trauma cases within a fifty-mile radius are brought here because of this designation. Typically, these patients are much sicker than the average when they arrive at the hospital. This should be kept in mind when reviewing the statistics.

Again, thank you for the opportunity to present this response. If you or anyone receiving this information has additional questions, please do not hesitate to call me at 619-323-6370.

Sincerely,

David A. Seeley
President & Chief Executive Officer

DAS:lr

## DOCTOR'S MEDICAL CENTER

1441 FLORIDA AVENUE
MODESTO, CA 95350

Medicare Hospital Provider Number: 050464

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,618 | 12 | 10 - 14 | 2,724 | 10 | 8 - 12 |
| Cancer | 90 | 40 | 28 - 53 | 84 | 42 | 28 - 53 |
| Cerebrovascular Accidents | 88 | 17 | 18 - 36 | 76 | 43 | 16 - 39 |
| Gastrointestinal Catastrophes | 22 | 36 | 20 - 62 | 22 | 41 | 16 - 59 |
| Infectious Disease | 40 | 47 | 20 - 54 | 17 | 24 | 16 - 58 |
| Metabolic/Electrolyte Disorders | 26 | 4 | 11 - 38 | 22 | 27 | 14 - 54 |
| Pulmonary Disease | 140 | 31 | 18 - 36 | 96 | 25 | 16 - 36 |
| Renal Failure | 13 | 31 | 19 - 77 | 8 | 38 | 19 - 85 |
| Severe Acute Heart Disease | 120 | 32 | 28 - 47 | 99 | 29 | 28 - 48 |
| Severe Chronic Heart Disease | 130 | 33 | 15 - 32 | 122 | 19 | 15 - 30 |
| Severe Trauma | 10 | 20 | 10 - 63 | 6 | 50 | 6 - 76 |
| Gastrointestinal Disease | 137 | 2 | 1 - 8 | 148 | 1 | 1 - 7 |
| Gynecologic Disease | 30 | 0 | 0 -100 | 18 | 6 | 0 -100 |
| Low-Risk Heart Disease | 650 | 4 | 2 - 6 | 720 | 3 | 2 - 5 |
| Musculoskeletal/Skin Conditions | 209 | 1 | 1 - 5 | 207 | 2 | 0 - 7 |
| Neuropsychiatric/Sensory Disease | 33 | 0 | 0 - 25 | 47 | 4 | 0 - 53 |
| Urologic Disease | 98 | 2 | 0 - 15 | 123 | 2 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 298 |
| Occupancy Rate (%): | 63 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 264 |
| Percent of Physicians Who Are Board Certified Specialists: | 76 |
| Interns and Residents: | 0 |
| Registered Nurses: | 320 |
| Licensed Practical Nurses: | 52 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

DMC
Doctors Medical Center
1441 Florida Ave., P.O. Box 4138, Modesto, Calif. 95352/Phone (209) 578-1211

October 5, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The Mortality Report for 1987 was reviewed by us with interest. The goal of Doctors Medical Center is to provide the highest quality care possible, so we were pleased to find our rates were lower than those predicted by HCFA in all but one category -- Chronic Heart Disease. This category has many patients with co-morbidities causing a high risk for mortality.

In comparison with the 1986 release, there were improvements in over half of the diagnostic category rates, even after adjustments made by the Department of Human Services.

We continue to try to ensure that care provided meets the highest standards of practice for the community.

Sincerely,

Steve Mitchell

Steve Mitchell
Administrator

SM/so/601

A National Medical Enterprises Organization
Fully accredited by the Joint Commission on Accreditation of Hospitals

## DOCTORS HOSP OF MONTCLAIR

5000 SAN BERNARDINO ST
MONTCLAIR, CA 91763

Medicare Hospital Provider Number: 050584

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 617 | 15 | 10 - 17 | 645 | 14 | 10 - 16 |
| Cancer | 14 | 29 | 15 - 62 | 6 | 17 | 6 - 69 |
| Cerebrovascular Accidents | 27 | 7 | 13 - 37 | 28 | 25 | 14 - 47 |
| Gastrointestinal Catastrophes | 9 | 33 | 11 - 69 | 4 | 75 | 7 - 81 |
| Infectious Disease | 20 | 30 | 17 - 58 | 14 | 57 | 14 - 64 |
| Metabolic/Electrolyte Disorders | 13 | 8 | 10 - 50 | 16 | 38 | 4 - 55 |
| Pulmonary Disease | 62 | 39 | 16 - 42 | 74 | 28 | 16 - 39 |
| Renal Failure | 2 | 50 | 1 - 93 | 3 | 0 | 5 - 82 |
| Severe Acute Heart Disease | 19 | 26 | 20 - 60 | 28 | 50 | 20 - 57 |
| Severe Chronic Heart Disease | 44 | 30 | 14 - 41 | 40 | 30 | 11 - 40 |
| Severe Trauma | 1 | 0 | 0 - 99 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 24 | 8 | 0 - 56 | 38 | 0 | 1 - 15 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 102 | 2 | 1 - 9 | 89 | 3 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 62 | 3 | 0 - 29 | 47 | 0 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 9 | 11 | 0 - 90 | 13 | 8 | 0 - 99 |
| Urologic Disease | 28 | 0 | 0 - 79 | 28 | 4 | 0 - 36 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 99 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

Doctors' Hospital of Montclair

**VIA EXPRESS MAIL** **REFERENCE NUMBER: 050584**

October 21, 1988

William L. Roper, M.D.
Administrator
Health Standards and Quality Bureau
Meadows East Building, Two B-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mr. Roper:

Thank you for the opportunity to respond to the release of data on hospital mortality rates for 1987. Since receiving the report, our medical staff has reviewed the mortality statistical data and all medical records reflected in this report.

Our Medical Records Department has decided that, with some exceptions, the data is accurate. The following summarizes our findings:

1. Over 69% of all deaths were patients over 75 years of age.

2. A total of 20% of the mortalities occurred after discharge. With 18 deaths post discharge our mortality rate would be 12%, excluding these deaths.

3. Doctors' Hospital of Montclair has transfer agreements with 12 of the 15 skilled nursing facilities in our market area. With the large number of patients eminating from these facilities, 34% of our mortalities were from patients coming from SNF's.

4. Over 71% of the patients who expired in the hospital had "no code" orders.

It is also noted that as part of our Quality Assurance Program, every mortality in our facility is reviewed for quality and appropriateness of care by the affected Medical Staff Departments on an ongoing basis. We believe that our monitoring system provides us with a continuous feedback mechanism in an effort to continue to meet and exceed quality care standards.

Sincerely,

Dale Surowitz

Mr. Dale Surowitz
Administrator

*A subsidiary of National Medical Enterprises Inc*
5000 San Bernardino Street • Montclair, California 91763 • (714) 625-5411

# DOCTORS HOSPITAL OF LAKEWOOD

3700 E SOUTH ST
LAKEWOOD, CA 90712

Medicare Hospital Provider Number: 050581

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,581 | 16 | 12 - 17 | 1,510 | 17 | 11 - 17 |
| Cancer | 56 | 46 | 28 - 57 | 66 | 47 | 28 - 55 |
| Cerebrovascular Accidents | 83 | 33 | 19 - 40 | 61 | 36 | 18 - 43 |
| Gastrointestinal Catastrophes | 13 | 62 | 12 - 64 | 19 | 42 | 20 - 64 |
| Infectious Disease | 20 | 30 | 18 - 59 | 19 | 58 | 24 - 68 |
| Metabolic/Electrolyte Disorders | 26 | 38 | 10 - 50 | 27 | 26 | 11 - 48 |
| Pulmonary Disease | 94 | 29 | 18 - 38 | 87 | 30 | 17 - 39 |
| Renal Failure | 9 | 44 | 5 - 72 | 8 | 75 | 11 - 76 |
| Severe Acute Heart Disease | 91 | 55 | 29 - 51 | 77 | 45 | 29 - 53 |
| Severe Chronic Heart Disease | 104 | 22 | 16 - 34 | 95 | 31 | 15 - 35 |
| Severe Trauma | 7 | 14 | 7 - 66 | 3 | 0 | 5 - 80 |
| Gastrointestinal Disease | 72 | 4 | 1 - 15 | 85 | 5 | 0 - 17 |
| Gynecologic Disease | 20 | 0 | 0 -100 | 14 | 0 | 0 -100 |
| Low-Risk Heart Disease | 176 | 6 | 1 - 10 | 175 | 3 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 109 | 2 | 1 - 9 | 104 | 3 | 0 - 15 |
| Neuropsychiatric/Sensory Disease | 43 | 5 | 0 - 50 | 30 | 0 | 0 - 33 |
| Urologic Disease | 77 | 1 | 0 - 14 | 90 | 6 | 0 - 55 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 162 |
| Occupancy Rate (%): | 69 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 123 |
| Percent of Physicians Who Are Board Certified Specialists: | 76 |
| Interns and Residents: | 0 |
| Registered Nurses: | 141 |
| Licensed Practical Nurses: | 11 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

DhL

# DOCTORS HOSPITAL OF LAKEWOOD

*A National Medical Enterprises Health Care Center*

Michael D. Kerr
CEO/Executive Director

3700 East South Street • Post Office Box 70 • Lakewood, California 90712
Telephone: (213) 531-2550

October 10, 1988 Provider # 050581

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Mortality Statistics
Calendar Years 1986 & 1987

Thank you for this opportunity to respond to the release of data on hospital mortality rates prior to publication.

The Medical Staff of Doctors Hospital of Lakewood conducts an intensive review of the medical record of every patient who expires at this facility regarding medical management and overall care. Mortality review is an on-going process and these peer review activities, as well as statistical monitoring, are an integral part of the overall quality assessment program. Analyses of these reviews are a part of the ongoing monitoring and evaluation of the patient care and treatment being rendered at this facility.

While we believe that future development of health information systems may bring statistical measures which will provide useful information, we do not support the use of these current mortality statistics as valid indicators in the determination of the quality of care in an individual hospital. We would also like to reinforce the Health Care Financing Adminstration's (HCFA) recommendation that they not be used to make comparisons between hospitals.

Doctors Hospital of Lakewood's statistics were within the range for predicted mortalities in all categories for 1986 and in all categories save one for 1987. Actual Mortality Rates for all cases for both years are within the predicted range.

In the calendar year 1987, the reported mortality rate for SEVERE ACUTE HEART DISEASE is at 55% while the predicted range is 29%-51%. A brief analyses follows for the benefit of those who are reviewing the HCFA statistics.

This category includes all patients admitted with such severe and life threatening conditions as acute myocardial infarction, pulmonary embolism, cardiac dysrhythmia, ruptured aneurysm, shock or ruptured artery.

* Of the 91 patients on the list, 1 patient was discharged with a diagnosis of Angina Pectoris and should not be listed in this category.

* Of the 50 patients listed as having expired, 45 expired in the hospital:
17 patients were admitted to the hospital unresponsive or in poorly responsive states following cardiac arrest, or massive bleeding.

6 patients had orders for No Cardio-Respiratory Resuscitation.
4 patients had orders for limited Cardio-Respiratory Resuscitation.
3 patients expired within hours of admission from ruptured aortic aneurysms.
These patients represent 67% of the 45 inpatients who expired.
The remaining 15 patients all had the diagnosis of Myocardial Infarction:
5 of these patients expired within 24 hours of admission. The average age was 75 years and each had a complicating factor(s), (metastatic cancer, hypertension, congestive heart failure, etc.)
The final 10 patients who expired after 48 hours had an average age of 76 years, the youngest being 62 and the oldest being 90. Eight (8) of these patients also had complicating factors while only 2 patients had singular diagnosis of severe atherosclerotic heart disease.

* Of the 91 patients listed 5 were reviewed for having expired following discharge from the hospital. The following should be noted:

- -1 patient expired in a Convalescent Hospital
- -1 patient returned to expire in the ER from a second Myocardial Infarction
- -2 patients were transferred in stable conditions to an HMO acute hospital and should not be added to the hospital statistics.
- -1 patient on the HCFA list of expired patients did not expire in 1987 and was seen as recently as June of 1988 by the attending physician for follow up.

In conclusion, although the review of mortality figures can at times be useful, the lack of severity of illness indicators limits the application of the statistics, and the inaccuracies could result in erroneous conclusions being made by consumers and members of the community. Predicted Mortality Rates should be used only as thresholds, indicating the need for further review and should not be thought to replace the on going peer review needed to maintain the quality of care in any facility.

Respectively submitted,

Mansoor Shah, MD
Chief of the Medical Staff

Michael Kerr
Executive Director/Chief Executive Officer

HOSPITAL CHARACTERISTICS:

| | |
|---|---|
| BEDS | 162 |
| 1986 OCCUPANCY | 60% |
| OWNERSHIP/CONTROL | PRIVATE, FOR PROFIT |

## DOCTORS HOSPITAL OF LODI

800 S LOWER SACRAMENTO RD
LODI, CA 95240

Medicare Hospital Provider Number: 050442

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 442 | 15 | 10 - 18 | 432 | 14 | 10 - 17 |
| Cancer | 13 | 38 | 11 - 62 | 10 | 40 | 17 - 73 |
| Cerebrovascular Accidents | 28 | 64 | 13 - 48 | 20 | 40 | 10 - 52 |
| Gastrointestinal Catastrophes | 8 | 63 | 10 - 72 | 11 | 27 | 13 - 66 |
| Infectious Disease | 5 | 0 | 6 - 64 | 4 | 50 | 10 - 86 |
| Metabolic/Electrolyte Disorders | 9 | 22 | 2 - 64 | 10 | 10 | 6 - 54 |
| Pulmonary Disease | 32 | 25 | 17 - 48 | 30 | 17 | 15 - 44 |
| Renal Failure | 4 | 25 | 6 - 83 | 4 | 50 | 15 - 95 |
| Severe Acute Heart Disease | 17 | 47 | 21 - 66 | 18 | 33 | 16 - 58 |
| Severe Chronic Heart Disease | 36 | 25 | 12 - 41 | 30 | 27 | 8 - 41 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 34 | 0 | 1 - 16 | 28 | 0 | 0 - 30 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 42 | 5 | 0 - 45 | 59 | 8 | 0 - 27 |
| Musculoskeletal/Skin Conditions | 29 | 3 | 0 - 57 | 26 | 8 | 0 - 97 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 -100 | 10 | 0 | 0 - 99 |
| Urologic Disease | 14 | 0 | 0 - 61 | 13 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 93 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## DOCTORS HOSPITAL OF MANTECA

1205 E NORTH ST
MANTECA, CA 95336

Medicare Hospital Provider Number: 050118

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 555 | 14 | 10 - 17 | 526 | 14 | 10 - 17 |
| Cancer | 10 | 50 | 19 - 75 | 6 | 33 | 16 - 82 |
| Cerebrovascular Accidents | 25 | 32 | 14 - 50 | 24 | 17 | 12 - 44 |
| Gastrointestinal Catastrophes | 5 | 20 | 12 - 79 | 1 | 100 | 2 - 98 |
| Infectious Disease | 12 | 25 | 13 - 63 | 10 | 50 | 14 - 71 |
| Metabolic/Electrolyte Disorders | 13 | 38 | 14 - 65 | 26 | 27 | 19 - 56 |
| Pulmonary Disease | 43 | 35 | 17 - 47 | 37 | 32 | 11 - 43 |
| Renal Failure | 2 | 50 | 1 - 93 | 1 | 0 | 3 - 99 |
| Severe Acute Heart Disease | 16 | 38 | 14 - 60 | 27 | 41 | 22 - 59 |
| Severe Chronic Heart Disease | 24 | 29 | 9 - 46 | 26 | 27 | 10 - 45 |
| Severe Trauma | 1 | 0 | 1 - 97 | 1 | 100 | 0 - 98 |
| Gastrointestinal Disease | 36 | 6 | 0 - 33 | 28 | 4 | 1 - 27 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 78 | 3 | 1 - 12 | 71 | 3 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 48 | 2 | 1 - 15 | 39 | 0 | 0 - 30 |
| Neuropsychiatric/Sensory Disease | 12 | 0 | 0 - 97 | 16 | 6 | 0 -100 |
| Urologic Disease | 27 | 7 | 1 - 36 | 22 | 5 | 0 - 92 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 49 |
| Occupancy Rate (%): | 59 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# DOCTORS HOSPITAL OF PINOLE
2151 APPIAN WAY
PINOLE, CA 94564

Medicare Hospital Provider Number: 050522

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,161 | 12 | 10 - 15 | 1,128 | 11 | 9 - 14 |
| Cancer | 49 | 39 | 29 - 59 | 36 | 50 | 25 - 59 |
| Cerebrovascular Accidents | 63 | 19 | 16 - 37 | 61 | 23 | 18 - 41 |
| Gastrointestinal Catastrophes | 13 | 15 | 18 - 62 | 13 | 54 | 13 - 65 |
| Infectious Disease | 21 | 33 | 14 - 56 | 13 | 31 | 13 - 62 |
| Metabolic/Electrolyte Disorders | 12 | 17 | 5 - 54 | 16 | 25 | 7 - 53 |
| Pulmonary Disease | 67 | 27 | 12 - 36 | 57 | 26 | 13 - 38 |
| Renal Failure | 5 | 40 | 8 - 82 | 4 | 50 | 8 - 86 |
| Severe Acute Heart Disease | 36 | 28 | 25 - 55 | 30 | 33 | 22 - 56 |
| Severe Chronic Heart Disease | 83 | 23 | 18 - 37 | 51 | 12 | 15 - 35 |
| Severe Trauma | 4 | 25 | 4 - 80 | 5 | 20 | 7 - 76 |
| Gastrointestinal Disease | 77 | 4 | 1 - 14 | 58 | 2 | 1 - 14 |
| Gynecologic Disease | 21 | 0 | 0 -100 | 14 | 0 | 0 -100 |
| Low-Risk Heart Disease | 143 | 1 | 1 - 7 | 127 | 2 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 117 | 0 | 1 - 5 | 153 | 2 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 27 | 7 | 0 - 87 | 19 | 0 | 0 - 67 |
| Urologic Disease | 50 | 0 | 0 - 16 | 54 | 2 | 0 - 51 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 137 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

DOCTORS
HOSPITAL

October 10, 1988

TO: Health Standards and Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

FROM: Doctors' Hospital of Pinole, CA 94564

RE: HCFA Mortality Data Release

Thank you for the opportunity to respond to the data on the 1987 hospital mortality rates for Medicare patients.

Since receiving the report, Doctors' Hospital of Pinole has taken the opportunity to analyze the data. The Director of the Medical Record Department has validated this data and finds the report is a reflection of the statistics for our facility for Medicare patients based on the revised criteria.

The statistics reviewed included:

1) Medicare patients whose last discharge in 1987 was from our hospital.
2) Actual percent of those patients who died within 30 days of the last admission which resulted in their last 1987 discharge.
3) Predicted range of the percent of patients who would have been expected to die.

We think you and any member of the public who requests a copy of our mortality information will be interested in the following findings:

> In reviewing the statistics, it is apparent that the actual mortality rate of 12% at Doctors Hospital of Pinole is below the mid-range of the predicted mortality rates.
>
> In the ten high-risk categories, our actual mortality rate was below the mid-range in all categories except Pulmonary Disease. The average age of the 67 acutely ill Medicare patients treated in the Pulmonary Disease category was 76 years of age. The average age of the 18 patients who died within 30 days of admission was 77 years of age. Our mortality rate of 27% in this high-risk category was below the high range of 36%.
>
> In the six low-risk categories, we had no deaths in three of the categories and were below the mid-range of the predicted mortality rates in the remaining three categories.

continued

2151 Appian Way, Pinole, CA 94564. (415) 724 5000
A National Medical Enterprises Company

The 1987 mortality statistics show the treated Medicare patients whose last 1987 discharge was from our hospital. The data also reflects the actual percent of those patients who died within 30 days of the admission which resulted in their last 1987 discharge. Analysis of the 16 diagnostic categories revealed 13% of the cases in the "death within 30 days of admission" in the mortality report died following discharge from Doctors' Hospital of Pinole. In the diagnostic category of All Other Diseases, 33% of the cases listed in our report died following discharge from our facility.

The Medical Staff of Doctors' Hospital of Pinole reviews the record of every death at this facility. The record reviews continue to reveal the provision of a high standard of quality care for our patients.

Thank you again for the opportunity to respond on our review of this data. If you have any additional questions, please call me at (415) 724-5000.

Sincerely,

Shirley Campanile

Shirley Campanile
Associate Administrator

cc: National Medical Enterprises
Divisional Senior Vice President

SC:dm 01331

# DOCTORS HOSPITAL OF SANTA ANA

1901 N COLLEGE AVE
SANTA ANA, CA 92706

Medicare Hospital Provider Number: 050527

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 301 | 16 | 10 - 19 | 420 | 16 | 10 - 18 |
| Cancer | 6 | 67 | 10 - 76 | 4 | 75 | 10 - 83 |
| Cerebrovascular Accidents | 9 | 22 | 7 - 62 | 8 | 63 | 11 - 71 |
| Gastrointestinal Catastrophes | 5 | 0 | 5 - 64 | 7 | 14 | 7 - 65 |
| Infectious Disease | 8 | 13 | 13 - 65 | 9 | 22 | 11 - 66 |
| Metabolic/Electrolyte Disorders | 9 | 56 | 4 - 67 | 9 | 44 | 3 - 67 |
| Pulmonary Disease | 52 | 25 | 18 - 43 | 61 | 34 | 14 - 40 |
| Renal Failure | 7 | 29 | 12 - 79 | 3 | 0 | 11 - 86 |
| Severe Acute Heart Disease | 3 | 33 | 4 - 86 | 10 | 20 | 22 - 72 |
| Severe Chronic Heart Disease | 10 | 20 | 5 - 58 | 28 | 18 | 12 - 42 |
| Severe Trauma | 1 | 100 | 2 - 97 | 0 | - | - |
| Gastrointestinal Disease | 27 | 7 | 0 - 58 | 32 | 6 | 0 - 59 |
| Gynecologic Disease | 10 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 19 | 0 | 0 - 68 | 49 | 0 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 21 | 0 | 0 - 78 | 29 | 0 | 0 - 43 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 14 | 14 | 0 - 97 | 17 | 0 | 0 - 94 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 54 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 126 |
| Percent of Physicians Who Are Board Certified Specialists: | 47 |
| Interns and Residents: | 0 |
| Registered Nurses: | 42 |
| Licensed Practical Nurses: | 11 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## DOMINGUEZ MEDICAL CTR

171 WEST BORT ST, P.O.BOX 5806
LONG BEACH,, CA 90805

Medicare Hospital Provider Number: 050034

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 688 | 14 | 8 - 14 | 688 | 12 | 9 - 15 |
| Cancer | 14 | 64 | 18 - 67 | 11 | 45 | 13 - 68 |
| Cerebrovascular Accidents | 26 | 23 | 12 - 45 | 29 | 24 | 12 - 44 |
| Gastrointestinal Catastrophes | 1 | 100 | 0 - 98 | 7 | 57 | 9 - 74 |
| Infectious Disease | 2 | 50 | 4 - 93 | 10 | 30 | 14 - 68 |
| Metabolic/Electrolyte Disorders | 18 | 44 | 12 - 58 | 22 | 14 | 7 - 43 |
| Pulmonary Disease | 28 | 36 | 13 - 49 | 37 | 22 | 11 - 40 |
| Renal Failure | 4 | 50 | 6 - 85 | 8 | 25 | 13 - 78 |
| Severe Acute Heart Disease | 23 | 48 | 21 - 61 | 20 | 55 | 20 - 62 |
| Severe Chronic Heart Disease | 47 | 19 | 11 - 35 | 45 | 18 | 12 - 36 |
| Severe Trauma | 1 | 0 | 0 - 97 | 1 | 0 | 0 -100 |
| Gastrointestinal Disease | 28 | 7 | 1 - 31 | 29 | 0 | 0 - 34 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 86 | 3 | 1 - 12 | 102 | 2 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 25 | 4 | 0 - 71 | 30 | 10 | 0 - 92 |
| Neuropsychiatric/Sensory Disease | 112 | 1 | 0 - 28 | 51 | 2 | 0 - 37 |
| Urologic Disease | 15 | 0 | 0 -100 | 16 | 6 | 0 - 98 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 250 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## DOMINICAN SANTA CRUZ HOSP

1555 SOQUEL DR
SANTA CRUZ, CA 95065

Medicare Hospital Provider Number: 050242

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,227 | 15 | 12 - 17 | 2,196 | 14 | 12 - 17 |
| Cancer | 110 | 44 | 28 - 51 | 98 | 48 | 30 - 54 |
| Cerebrovascular Accidents | 136 | 27 | 18 - 35 | 136 | 24 | 18 - 35 |
| Gastrointestinal Catastrophes | 41 | 29 | 17 - 49 | 43 | 28 | 17 - 49 |
| Infectious Disease | 71 | 38 | 25 - 52 | 49 | 37 | 23 - 54 |
| Metabolic/Electrolyte Disorders | 39 | 21 | 10 - 41 | 54 | 19 | 13 - 41 |
| Pulmonary Disease | 125 | 26 | 19 - 37 | 139 | 24 | 17 - 35 |
| Renal Failure | 15 | 47 | 16 - 74 | 10 | 50 | 16 - 80 |
| Severe Acute Heart Disease | 107 | 33 | 30 - 51 | 99 | 38 | 31 - 52 |
| Severe Chronic Heart Disease | 108 | 32 | 14 - 33 | 108 | 25 | 17 - 35 |
| Severe Trauma | 5 | 60 | 2 - 79 | 2 | 50 | 2 - 92 |
| Gastrointestinal Disease | 116 | 1 | 1 - 7 | 106 | 8 | 1 - 15 |
| Gynecologic Disease | 31 | 0 | 0 -100 | 32 | 0 | 0 -100 |
| Low-Risk Heart Disease | 192 | 2 | 2 - 7 | 203 | 1 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 199 | 1 | 1 - 6 | 213 | 2 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 51 | 2 | 0 - 29 | 47 | 6 | 0 - 60 |
| Urologic Disease | 90 | 2 | 0 - 13 | 96 | 1 | 0 - 12 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 232 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 234 |
| Percent of Physicians Who Are Board Certified Specialists: | 92 |
| Interns and Residents: | 0 |
| Registered Nurses: | 165 |
| Licensed Practical Nurses: | 18 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## DONALD N SHARP MEM COMM HOSP

7901 FROST ST
SAN DIEGO, CA 92123

Medicare Hospital Provider Number: 050100

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,423 | 11 | 8 - 12 | 2,837 | 10 | 9 - 13 |
| Cancer | 133 | 39 | 28 - 50 | 124 | 34 | 31 - 53 |
| Cerebrovascular Accidents | 108 | 23 | 17 - 34 | 82 | 27 | 19 - 39 |
| Gastrointestinal Catastrophes | 28 | 36 | 19 - 57 | 24 | 33 | 19 - 59 |
| Infectious Disease | 29 | 38 | 15 - 52 | 27 | 44 | 18 - 58 |
| Metabolic/Electrolyte Disorders | 42 | 21 | 11 - 42 | 29 | 38 | 13 - 51 |
| Pulmonary Disease | 144 | 32 | 16 - 35 | 117 | 38 | 18 - 39 |
| Renal Failure | 12 | 25 | 10 - 68 | 10 | 20 | 17 - 77 |
| Severe Acute Heart Disease | 96 | 22 | 27 - 46 | 68 | 26 | 26 - 48 |
| Severe Chronic Heart Disease | 152 | 26 | 15 - 31 | 87 | 22 | 16 - 35 |
| Severe Trauma | 18 | 28 | 7 - 53 | 5 | 20 | 5 - 75 |
| Gastrointestinal Disease | 185 | 4 | 1 - 9 | 152 | 5 | 1 - 10 |
| Gynecologic Disease | 49 | 0 | 0 -100 | 49 | 0 | 0 - 92 |
| Low-Risk Heart Disease | 654 | 4 | 2 - 6 | 588 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 373 | 2 | 1 - 5 | 280 | 4 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 36 | 6 | 0 - 78 | 45 | 0 | 0 - 19 |
| Urologic Disease | 178 | 2 | 0 - 12 | 117 | 1 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 581 |
| Occupancy Rate (%): | 93 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 452 |
| Percent of Physicians Who Are Board Certified Specialists: | 88 |
| Interns and Residents: | 0 |
| Registered Nurses: | 616 |
| Licensed Practical Nurses: | 46 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## DOS PALOS MEM HOSPITAL

2118 MARGUERITE ST
DOS PALOS, CA 93620

Medicare Hospital Provider Number: 050497

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3 | 0 | 0 - 96 | 22 | 9 | 1 - 36 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 2 | 50 | 0 - 95 |
| Pulmonary Disease | 1 | 0 | 0 - 98 | 2 | 0 | 0 - 99 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 2 | 0 | 1 - 91 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 3 | 33 | 0 -100 |
| Musculoskeletal/Skin Conditions | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 1 | 0 | 0 -100 |
| Urologic Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 15
Occupancy Rate (%): (not available)
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

# DOWNEY COMMUNITY HOSPITAL

11500 BROOKSHIRE AVENUE
DOWNEY, CA 90241

Medicare Hospital Provider Number: 050393

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,314 | 12 | 11 - 15 | 2,197 | 14 | 11 - 15 |
| Cancer | 103 | 42 | 26 - 50 | 100 | 50 | 29 - 53 |
| Cerebrovascular Accidents | 115 | 18 | 19 - 35 | 112 | 29 | 20 - 38 |
| Gastrointestinal Catastrophes | 23 | 30 | 16 - 56 | 38 | 18 | 19 - 50 |
| Infectious Disease | 30 | 27 | 19 - 54 | 36 | 36 | 21 - 56 |
| Metabolic/Electrolyte Disorders | 37 | 27 | 18 - 51 | 30 | 27 | 12 - 48 |
| Pulmonary Disease | 146 | 23 | 20 - 37 | 111 | 29 | 17 - 37 |
| Renal Failure | 11 | 9 | 15 - 69 | 15 | 27 | 12 - 69 |
| Severe Acute Heart Disease | 87 | 44 | 28 - 51 | 86 | 51 | 26 - 49 |
| Severe Chronic Heart Disease | 126 | 24 | 16 - 32 | 109 | 27 | 16 - 34 |
| Severe Trauma | 2 | 50 | 6 - 95 | 3 | 67 | 2 - 87 |
| Gastrointestinal Disease | 143 | 4 | 1 - 10 | 156 | 4 | 1 - 10 |
| Gynecologic Disease | 39 | 0 | 0 -100 | 43 | 0 | 0 -100 |
| Low-Risk Heart Disease | 243 | 3 | 1 - 7 | 188 | 4 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 239 | 2 | 1 - 6 | 226 | 0 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 42 | 10 | 1 - 29 | 61 | 5 | 0 - 41 |
| Urologic Disease | 155 | 1 | 0 - 8 | 109 | 2 | 0 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 184 |
| Occupancy Rate (%): | 79 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 147 |
| Percent of Physicians Who Are Board Certified Specialists: | 69 |
| Interns and Residents: | 0 |
| Registered Nurses: | 283 |
| Licensed Practical Nurses: | 55 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Downey
Community
Hospital
**A Regional Medical Center**

**Board of Directors**

Jack E. Robinson, Chairman

Betty Austin
James F. Baxter, D.V.M.
Garry S. Brody, M.D.
Jack B. Campbell
LeGrande Coates, Jr.
Harley Deere, M.D.
Rosamond Dudar, M.D.
Rosemary Ferraro
James Holman, M.D.
John Hundley
Charles Hutchinson
Pearl Leonis
Clyde A. Morris, M.D.
J. Arthur Morris
M.D. "Hop" Morrison
William Roth
Edward J. Susank
Ronald Van Fleet
Hon. Donald L. Wilson

**Honorary Members**

Maurice McAlister
A.B. Springer
William P. Wilson

**President & Chief Executive Officer**

Allen R. Korneff

October 5, 1988

William L. Roper, M.D.
Administrator
HEALTH STANDARDS & QUALITY BUREAU, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

Thank you for the opportunity to respond to our hospital's mortality data prior to its general release in December 1988.

We are pleased to note that we were at or below the predicted mortality range in every diagnostic category. Even with the "favorable" data, I seriously question the benefit and significance of this published data.

We compared our copy of the 1986 American Hospital Association Survey with the information you listed under "hospital characteristics". According to the survey, the total of beds at Downey Community Hospital was 170; your report listed 133, the total for medical/surgical beds only. While you list 50% of our medical staff as "board certified," the American Hospital Association survey lists 88 out of 135, which is 65%. We request that these corrections be included in the release.

Sincerely,

Allen R. Korneff
President

ARK/jz

11500 Brookshire Avenue
Downey, California 90241
Telephone (213) 904-5000

*Fully accredited*
*by The Joint Commission*
*on Accreditation of Hospitals*

## EAST BAY HOSP

820 23RD ST
RICHMOND, CA 94804

Medicare Hospital Provider Number: 050661

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 142 | 0 | 0 - 18 | 9 | 11 | 3 - 55 |
| Cancer | 0 | - | - | 1 | 100 | 2 -100 |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 1 | 0 | 0 - 99 |
| Pulmonary Disease | 0 | - | - | 1 | 0 | 2 - 97 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 1 | 0 | 0 -100 |
| Low-Risk Heart Disease | 0 | - | - | 0 | - | - |
| Musculoskeletal/Skin Conditions | 0 | - | - | 2 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 141 | 0 | 0 - 17 | 2 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1983

| | |
|---|---|
| Total Beds (#): | 87 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 18 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## EAST LOS ANGELES DOCTORS HOSPITAL

4060 WHITTIER BLVD
LOS ANGELES, CA 90023

Medicare Hospital Provider Number: 050641

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 396 | 13 | 10 - 17 | 431 | 8 | 9 - 15 |
| Cancer | 4 | 50 | 12 - 87 | 10 | 30 | 20 - 74 |
| Cerebrovascular Accidents | 12 | 42 | 9 - 61 | 5 | 20 | 4 - 74 |
| Gastrointestinal Catastrophes | 7 | 29 | 7 - 71 | 9 | 22 | 20 - 74 |
| Infectious Disease | 5 | 20 | 9 - 76 | 6 | 33 | 10 - 76 |
| Metabolic/Electrolyte Disorders | 7 | 14 | 3 - 65 | 9 | 0 | 4 - 47 |
| Pulmonary Disease | 26 | 31 | 14 - 50 | 16 | 19 | 15 - 55 |
| Renal Failure | 5 | 20 | 15 - 86 | 4 | 50 | 7 - 86 |
| Severe Acute Heart Disease | 10 | 70 | 23 - 77 | 5 | 40 | 13 - 83 |
| Severe Chronic Heart Disease | 30 | 33 | 13 - 47 | 20 | 30 | 18 - 57 |
| Severe Trauma | 1 | 0 | 0 - 99 | 1 | 100 | 1 - 97 |
| Gastrointestinal Disease | 36 | 0 | 1 - 16 | 38 | 0 | 1 - 15 |
| Gynecologic Disease | 0 | - | - | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 54 | 2 | 0 - 16 | 66 | 2 | 0 - 13 |
| Musculoskeletal/Skin Conditions | 27 | 4 | 0 - 40 | 27 | 0 | 0 - 30 |
| Neuropsychiatric/Sensory Disease | 20 | 0 | 0 - 37 | 22 | 0 | 0 - 97 |
| Urologic Disease | 28 | 0 | 0 - 89 | 42 | 5 | 0 - 76 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 128
Occupancy Rate (%): 44
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 146
Percent of Physicians Who Are Board Certified Specialists: 45
Interns and Residents: 0
Registered Nurses: 65
Licensed Practical Nurses: 15

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## EASTERN PLUMAS DISTRICT HOSP

500 FIRST AVENUE P O BOX 1075
PORTOLA, CA 96122

Medicare Hospital Provider Number: 050566

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 100 | 11 | 5 - 18 | 96 | 5 | 5 - 15 |
| Cancer | 6 | 83 | 17 - 78 | 3 | 0 | 5 - 79 |
| Cerebrovascular Accidents | 2 | 0 | 1 - 90 | 1 | 0 | 0 - 99 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 100 | 3 - 98 |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 1 | 0 | 0 -100 | 5 | 20 | 3 - 75 |
| Pulmonary Disease | 5 | 20 | 2 - 76 | 4 | 0 | 1 - 79 |
| Renal Failure | 0 | - | - | 1 | 100 | 3 - 99 |
| Severe Acute Heart Disease | 2 | 50 | 4 - 93 | 4 | 25 | 9 - 82 |
| Severe Chronic Heart Disease | 6 | 17 | 2 - 69 | 1 | 0 | 2 - 97 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 11 | 0 | 0 - 99 | 7 | 0 | 0 -100 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 18 | 0 | 0 - 44 | 19 | 0 | 0 - 62 |
| Musculoskeletal/Skin Conditions | 9 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 24 |
| Occupancy Rate (%): | 17 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 15 |
| Percent of Physicians Who Are Board Certified Specialists: | 87 |
| Interns and Residents: | 0 |
| Registered Nurses: | 9 |
| Licensed Practical Nurses: | 7 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Provider #: 050566

**Eastern Plumas Hospital**
**P.O. Box 1075**
**Portola, California 96122**
**Phone (916) 832-4277**

October 14, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau, HCFA
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

Thank you for the opportunity to submit comments on the data you will make available to the public in December.

Eastern Plumas Hospital Auxiliary operates a volunteer Home Hospice Program for terminally ill patients. The availability of this Program in the Community enables many patients to live at home during the final stages of their illnesses. Some patients do require hospitalization at the end of their ilnnesses but others my expire at home. Both situations tend to increase the apparent mortality rate for patients with serious chronic conditions discharged from the Hospital.

We would also point out the statement made regarding the data distributed in 1987:

> "comparisons of hospitals with fever than 10 discharges in a diagnostic group are not recommended."

Thank you again for your cooperation.

Yours truly,

Ronald E. Scovill

Ronald E. Scovill/gm
Administrator

cc: Gernon Hesselschwerdt, M.D.
Grace Morgan, ART/QA

# EDEN HOSPITAL

20103 LAKE CHABOT ROAD
CASTRO VALLEY, CA 94546

Medicare Hospital Provider Number: 050488

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,948 | 14 | 10 - 15 | 1,847 | 12 | 10 - 15 |
| Cancer | 101 | 51 | 31 - 55 | 77 | 53 | 29 - 55 |
| Cerebrovascular Accidents | 82 | 39 | 17 - 40 | 73 | 32 | 18 - 40 |
| Gastrointestinal Catastrophes | 11 | 27 | 12 - 65 | 16 | 25 | 16 - 61 |
| Infectious Disease | 24 | 33 | 16 - 55 | 34 | 32 | 16 - 50 |
| Metabolic/Electrolyte Disorders | 23 | 22 | 12 - 50 | 19 | 26 | 6 - 50 |
| Pulmonary Disease | 107 | 20 | 16 - 34 | 84 | 24 | 17 - 38 |
| Renal Failure | 9 | 11 | 7 - 66 | 5 | 20 | 11 - 82 |
| Severe Acute Heart Disease | 55 | 49 | 25 - 52 | 47 | 53 | 27 - 56 |
| Severe Chronic Heart Disease | 109 | 29 | 16 - 35 | 107 | 19 | 17 - 34 |
| Severe Trauma | 9 | 33 | 4 - 66 | 6 | 50 | 6 - 76 |
| Gastrointestinal Disease | 124 | 2 | 2 - 8 | 132 | 3 | 2 - 9 |
| Gynecologic Disease | 22 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 132 | 2 | 2 - 7 | 151 | 4 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 234 | 3 | 1 - 7 | 230 | 0 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 68 | 1 | 1 - 12 | 91 | 1 | 1 - 9 |
| Urologic Disease | 63 | 2 | 0 - 16 | 67 | 6 | 1 - 19 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 223 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 193 |
| Percent of Physicians Who Are Board Certified Specialists: | 84 |
| Interns and Residents: | 0 |
| Registered Nurses: | 174 |
| Licensed Practical Nurses: | 20 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## EISENHOWER MEMORIAL HOSPITAL

39-000 BOB HOPE DRIVE
RANCHO MIRAGE, CA 92260

Medicare Hospital Provider Number: 050573

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,666 | 8 | 8 - 12 | 3,174 | 8 | 9 - 13 |
| Cancer | 170 | 36 | 33 - 53 | 129 | 47 | 32 - 55 |
| Cerebrovascular Accidents | 116 | 25 | 17 - 35 | 109 | 17 | 20 - 37 |
| Gastrointestinal Catastrophes | 28 | 25 | 17 - 53 | 25 | 20 | 19 - 55 |
| Infectious Disease | 27 | 30 | 22 - 59 | 18 | 33 | 15 - 60 |
| Metabolic/Electrolyte Disorders | 37 | 14 | 16 - 45 | 41 | 7 | 12 - 37 |
| Pulmonary Disease | 119 | 19 | 16 - 34 | 111 | 14 | 16 - 33 |
| Renal Failure | 11 | 18 | 14 - 71 | 15 | 27 | 18 - 74 |
| Severe Acute Heart Disease | 109 | 34 | 26 - 46 | 92 | 25 | 27 - 47 |
| Severe Chronic Heart Disease | 94 | 16 | 14 - 31 | 82 | 20 | 16 - 35 |
| Severe Trauma | 1 | 0 | 0 - 99 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 192 | 2 | 1 - 7 | 154 | 3 | 1 - 8 |
| Gynecologic Disease | 26 | 0 | 0 -100 | 27 | 0 | 0 -100 |
| Low-Risk Heart Disease | 658 | 3 | 2 - 5 | 573 | 2 | 2 - 5 |
| Musculoskeletal/Skin Conditions | 458 | 2 | 1 - 5 | 380 | 1 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 71 | 4 | 0 - 25 | 89 | 1 | 1 - 9 |
| Urologic Disease | 230 | 0 | 0 - 5 | 159 | 0 | 0 - 6 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 239 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 161 |
| Percent of Physicians Who Are Board Certified Specialists: | 88 |
| Interns and Residents: | 0 |
| Registered Nurses: | 252 |
| Licensed Practical Nurses: | 38 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

EISENHOWER MEMORIAL HOSPITAL

October 17, 1988

Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

In response to the request for comment on the HCFA data to be released in December, I offer the following, which need not be published with the data.

The "Hospital Characteristics", obtained from the 1986 AHA Survey, seem to be inaccurate in comparison with a copy of same kept in our files. While I understand that the 1987 AHA Survey will be used in the data release to the public, I am concerned about the inaccuracies of the 1986 data.

Specifically, Eisenhower does not have an organ transplant service; 91% of the physicians on staff are Board certified specialists; it appears as though the number of beds quoted was only med/surg beds and not the total; and RNs per bed seems to have been based on this low bed count.

The mortality data appears to be accurate.

If I can be of any further assistance, please do not hesitate to contact me.

Sincerely,

Donna L. Beane

Donna L. Beane
Administrative Assistant

39000 BOB HOPE DRIVE • RANCHO MIRAGE, CALIFORNIA 92270 • 619/340-3911
A Subsidiary of Eisenhower Medical Center

## EL CAMINO HOSP

2500 GRANT RD
MOUNTAIN VIEW, CA 94042

Medicare Hospital Provider Number: 050308

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,979 | 11 | 10 - 14 | 2,861 | 11 | 10 - 14 |
| Cancer | 121 | 47 | 30 - 52 | 131 | 37 | 28 - 50 |
| Cerebrovascular Accidents | 147 | 29 | 20 - 37 | 140 | 34 | 19 - 36 |
| Gastrointestinal Catastrophes | 20 | 45 | 10 - 55 | 26 | 50 | 18 - 59 |
| Infectious Disease | 24 | 29 | 20 - 58 | 23 | 13 | 16 - 50 |
| Metabolic/Electrolyte Disorders | 30 | 27 | 11 - 47 | 30 | 20 | 9 - 43 |
| Pulmonary Disease | 110 | 24 | 16 - 35 | 106 | 30 | 14 - 35 |
| Renal Failure | 16 | 13 | 4 - 59 | 9 | 56 | 13 - 78 |
| Severe Acute Heart Disease | 134 | 31 | 30 - 48 | 126 | 34 | 31 - 50 |
| Severe Chronic Heart Disease | 133 | 25 | 16 - 32 | 112 | 25 | 15 - 32 |
| Severe Trauma | 7 | 14 | 8 - 66 | 8 | 25 | 7 - 68 |
| Gastrointestinal Disease | 175 | 1 | 2 - 6 | 182 | 3 | 1 - 8 |
| Gynecologic Disease | 51 | 0 | 0 - 97 | 48 | 0 | 0 - 98 |
| Low-Risk Heart Disease | 340 | 4 | 2 - 6 | 340 | 2 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 315 | 1 | 1 - 5 | 304 | 3 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 73 | 0 | 1 - 8 | 74 | 3 | 0 - 16 |
| Urologic Disease | 149 | 2 | 0 - 11 | 146 | 1 | 0 - 8 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 366 |
| Occupancy Rate (%): | 65 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 429 |
| Percent of Physicians Who Are Board Certified Specialists: | 67 |
| Interns and Residents: | 0 |
| Registered Nurses: | 475 |
| Licensed Practical Nurses: | 3 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

EL CAMINO HOSPITAL
2500 GRANT ROAD, P.O. BOX 7025
MOUNTAIN VIEW, CA 94039-7025
415-940-7000

October 21, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health & Human Services
Washington, DC 20201

Hospital I.D.: 050308

Dear Dr. Roper:

Thank you for the opportunity to respond to the release of the 1987 HCFA mortality data on Medicare patients treated at El Camino Hospital.

We are pleased that the actual mortality rates at El Camino Hospital for all diagnostic categories were within the predicted ranges. This confirms the widespread impression that the quality of care at El Camino is excellent.

The report has been reviewed and confirmed by the Director of Quality Assurance, the Chief of the Medical Staff, Administrators, and the Director of the Medical Records Department.

We are currently checking out the source of the AHA 1986 Hospital Characteristics. They are incorrect for El Camino's bed number of 362. We do not have a shock/trauma unit, burn unit, or organ transplant service.

In addition to review of reported statistical data such as the mortality rates, El Camino Hospital has an active, comprehensive and integrated Quality Assurance program to review quality of care on an individual basis. Every death in the hospital is thoroughly reviewed by the appropriate medical staff department, as well as by the Quality Assurance Coordinator.

This report includes data on some deaths that occurred after discharge. El Camino Hospital has a number of programs and services to help ensure that appropriate resources are available to patients following discharge. In 1987, the hospital established a home health agency and has an eleven-member Continuing Care Department available to every patient and family regarding community and home care services.

El Camino also has a professional Human Support department to provide support and assistance to patients and family in managing the emotional aspects of hospitalization. A full-time chaplain and volunteers of all faiths offer spiritual support to patients in the hospital and at skilled nursing facilities to which they may be discharged.

OPERATED FOR THE BENEFIT OF EL CAMINO HOSPITAL DISTRICT

Over the past 27-plus years of service to the community, El Camino Hospital has demonstrated its commitment to high quality care. Our commitment will not change, but the challenge will be great. Like many other hospitals in California, El Camino Hospital ended the fiscal year 1987-88 with a net operating loss. Approximately 42% of El Camino Hospital gross revenue comes from Medicare. Our expenses will use about 9% in fiscal year 1988-89 and Medicare reimbursements will increase by less than 1%. Obviously, Medicare reimbursement rates are not keeping up with the rate of inflation; and the Congress is not paying its fair share of the cost of health care.

As a result, El Camino Hospital must reduce operating expenses by almost $10 million over the next 5 years. This will be particularly harsh for El Camino Hospital because our costs are already among the lowest in Northern California.

I have enclosed for you the press release that was made available in our community in October.

Sincerely,

Neilson S. Buchanan
Chief Executive Officer

NSB/mcr
Enclosure

# EL CENTRO REGIONAL MED CTR

1415 ROSS AVENUE
EL CENTRO, CA 92243

Medicare Hospital Provider Number: 050045

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 928 | 14 | 10 - 15 | 885 | 15 | 11 - 16 |
| Cancer | 15 | 67 | 24 - 71 | 21 | 48 | 25 - 67 |
| Cerebrovascular Accidents | 34 | 47 | 12 - 46 | 50 | 22 | 16 - 41 |
| Gastrointestinal Catastrophes | 12 | 50 | 11 - 65 | 5 | 40 | 2 - 79 |
| Infectious Disease | 12 | 33 | 16 - 67 | 19 | 37 | 21 - 65 |
| Metabolic/Electrolyte Disorders | 26 | 19 | 10 - 45 | 29 | 31 | 11 - 48 |
| Pulmonary Disease | 60 | 18 | 16 - 39 | 67 | 22 | 14 - 37 |
| Renal Failure | 6 | 67 | 16 - 86 | 7 | 29 | 15 - 83 |
| Severe Acute Heart Disease | 27 | 44 | 20 - 57 | 39 | 49 | 20 - 52 |
| Severe Chronic Heart Disease | 61 | 25 | 11 - 34 | 42 | 21 | 12 - 39 |
| Severe Trauma | 6 | 17 | 7 - 70 | 2 | 0 | 1 - 90 |
| Gastrointestinal Disease | 88 | 5 | 1 - 14 | 77 | 5 | 1 - 17 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 123 | 2 | 2 - 8 | 87 | 3 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 87 | 6 | 0 - 28 | 62 | 0 | 0 - 10 |
| Neuropsychiatric/Sensory Disease | 10 | 0 | 0 - 59 | 12 | 0 | 0 -100 |
| Urologic Disease | 38 | 5 | 0 - 64 | 34 | 3 | 0 - 70 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 104 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 29 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 0 |
| Registered Nurses: | 105 |
| Licensed Practical Nurses: | 31 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## EMANUEL MEDICAL CENTER INC

825 DELBON AVE
TURLOCK, CA 95380

Medicare Hospital Provider Number: 050179

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,648 | 15 | 11 - 16 | 1,592 | 12 | 10 - 15 |
| Cancer | 42 | 57 | 28 - 60 | 39 | 54 | 27 - 60 |
| Cerebrovascular Accidents | 81 | 32 | 17 - 38 | 63 | 25 | 18 - 41 |
| Gastrointestinal Catastrophes | 8 | 25 | 11 - 70 | 13 | 31 | 15 - 65 |
| Infectious Disease | 38 | 34 | 21 - 54 | 18 | 28 | 13 - 56 |
| Metabolic/Electrolyte Disorders | 27 | 15 | 8 - 42 | 27 | 15 | 12 - 45 |
| Pulmonary Disease | 157 | 34 | 20 - 38 | 120 | 25 | 17 - 36 |
| Renal Failure | 12 | 42 | 18 - 78 | 8 | 63 | 17 - 83 |
| Severe Acute Heart Disease | 51 | 39 | 26 - 54 | 65 | 29 | 26 - 50 |
| Severe Chronic Heart Disease | 144 | 28 | 14 - 30 | 98 | 27 | 14 - 33 |
| Severe Trauma | 1 | 100 | 0 -100 | 1 | 0 | 0 - 97 |
| Gastrointestinal Disease | 111 | 4 | 1 - 11 | 117 | 6 | 1 - 13 |
| Gynecologic Disease | 27 | 0 | 0 -100 | 18 | 0 | 0 -100 |
| Low-Risk Heart Disease | 212 | 2 | 2 - 7 | 205 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 147 | 4 | 0 - 11 | 142 | 3 | 1 - 9 |
| Neuropsychiatric/Sensory Disease | 21 | 14 | 0 - 58 | 31 | 0 | 0 - 28 |
| Urologic Disease | 76 | 3 | 0 - 15 | 58 | 3 | 0 - 25 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 319 |
| Occupancy Rate (%): | 80 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 63 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 117 |
| Licensed Practical Nurses: | 56 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# ENCINO HOSP

16237 VENTURA BLVD
ENCINO, CA 91436

Medicare Hospital Provider Number: 050158

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,034 | 9 | 10 - 14 | 1,120 | 10 | 9 - 14 |
| Cancer | 45 | 36 | 30 - 61 | 55 | 60 | 30 - 59 |
| Cerebrovascular Accidents | 30 | 23 | 16 - 47 | 23 | 22 | 16 - 50 |
| Gastrointestinal Catastrophes | 10 | 40 | 10 - 67 | 5 | 40 | 6 - 78 |
| Infectious Disease | 5 | 40 | 11 - 82 | 5 | 60 | 9 - 80 |
| Metabolic/Electrolyte Disorders | 14 | 7 | 6 - 45 | 10 | 30 | 7 - 63 |
| Pulmonary Disease | 31 | 32 | 13 - 46 | 41 | 32 | 17 - 47 |
| Renal Failure | 6 | 83 | 10 - 77 | 0 | - | - |
| Severe Acute Heart Disease | 38 | 37 | 25 - 56 | 36 | 22 | 24 - 53 |
| Severe Chronic Heart Disease | 46 | 15 | 17 - 39 | 27 | 19 | 9 - 40 |
| Severe Trauma | 1 | 0 | 2 - 97 | 1 | 0 | 0 -100 |
| Gastrointestinal Disease | 56 | 4 | 1 - 16 | 54 | 0 | 1 - 10 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 178 | 2 | 2 - 7 | 230 | 5 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 87 | 0 | 1 - 7 | 123 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 61 | 0 | 0 - 11 | 54 | 0 | 0 - 14 |
| Urologic Disease | 53 | 0 | 0 - 15 | 46 | 2 | 0 - 27 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 189 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 131 |
| Licensed Practical Nurses: | 6 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ESKATON COLUSA HEALTHCARE CENTER

199 E WEBSTER STREET
COLUSA, CA 95932

Medicare Hospital Provider Number: 050434

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 258 | 13 | 9 - 18 | 257 | 17 | 8 - 18 |
| Cancer | 6 | 50 | 8 - 76 | 9 | 56 | 18 - 76 |
| Cerebrovascular Accidents | 13 | 15 | 10 - 52 | 8 | 38 | 6 - 68 |
| Gastrointestinal Catastrophes | 3 | 67 | 2 - 87 | 2 | 50 | 1 - 93 |
| Infectious Disease | 1 | 100 | 1 - 97 | 1 | 100 | 3 - 99 |
| Metabolic/Electrolyte Disorders | 4 | 25 | 2 - 81 | 1 | 100 | 0 - 98 |
| Pulmonary Disease | 25 | 12 | 16 - 45 | 18 | 39 | 7 - 52 |
| Renal Failure | 1 | 100 | 3 - 98 | 1 | 100 | 2 - 98 |
| Severe Acute Heart Disease | 5 | 80 | 10 - 77 | 12 | 58 | 17 - 68 |
| Severe Chronic Heart Disease | 19 | 32 | 11 - 52 | 13 | 15 | 9 - 52 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 18 | 6 | 0 - 51 | 10 | 0 | 0 - 99 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Low-Risk Heart Disease | 30 | 0 | 0 - 22 | 36 | 0 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 28 | 4 | 0 - 31 | 21 | 0 | 0 - 45 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 14 | 7 | 0 - 97 |
| Urologic Disease | 3 | 0 | 0 -100 | 9 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 56 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

# ESTELLE DOHENY EYE HOSPITAL

1537 WORFOLK ST
LOS ANGELES,, CA 90033

Medicare Hospital Provider Number: 050672

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 353 | 0 | 1 - 5 | 346 | 0 | 1 - 5 |
| Cancer | 0 | - | - | 1 | 0 | 0 - 97 |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 4 | 0 | 2 - 72 |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 0 | - | - | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 2 | 0 | 0 -100 | 4 | 0 | 0 - 99 |
| Neuropsychiatric/Sensory Disease | 328 | 0 | 1 - 5 | 312 | 0 | 1 - 4 |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 35 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 26 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## FAIRMONT HOSPITAL

15400 FOOTHILL BLVD
SAN LEANDRO,, CA 94578

Medicare Hospital Provider Number: 050671

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 61 | 11 | 5 - 23 | 81 | 20 | 8 - 26 |
| Cancer | 2 | 0 | 2 - 88 | 5 | 20 | 6 - 74 |
| Cerebrovascular Accidents | 1 | 0 | 0 - 99 | 3 | 33 | 3 - 86 |
| Gastrointestinal Catastrophes | 1 | 0 | 0 - 98 | 0 | - | - |
| Infectious Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 5 | 20 | 2 - 75 | 4 | 75 | 4 - 80 |
| Pulmonary Disease | 5 | 0 | 2 - 65 | 13 | 38 | 5 - 58 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 1 | 100 | 1 - 97 | 2 | 0 | 7 - 91 |
| Severe Chronic Heart Disease | 4 | 25 | 3 - 80 | 6 | 17 | 1 - 72 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 2 | 0 | 0 -100 | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 4 | 25 | 1 - 84 | 4 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 8 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 - 92 | 4 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 300 |
| Ownership/Control: | Federal Government |

STAFFING

| | |
|---|---|
| Interns and Residents: | 5 |
| Registered Nurses: | 127 |
| Licensed Practical Nurses: | 104 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

# FALLBROOK HOSP
624 E ELDER ST
FALLBROOK, CA 92028

Medicare Hospital Provider Number: 050435

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 677 | 10 | 9 - 15 | 720 | 11 | 8 - 14 |
| Cancer | 22 | 55 | 17 - 59 | 15 | 40 | 16 - 64 |
| Cerebrovascular Accidents | 28 | 18 | 13 - 43 | 41 | 15 | 15 - 39 |
| Gastrointestinal Catastrophes | 7 | 43 | 8 - 73 | 5 | 60 | 7 - 79 |
| Infectious Disease | 4 | 0 | 9 - 73 | 4 | 25 | 12 - 85 |
| Metabolic/Electrolyte Disorders | 9 | 33 | 11 - 69 | 14 | 21 | 9 - 55 |
| Pulmonary Disease | 28 | 32 | 12 - 48 | 35 | 29 | 11 - 43 |
| Renal Failure | 3 | 100 | 11 - 86 | 6 | 67 | 14 - 84 |
| Severe Acute Heart Disease | 21 | 10 | 25 - 54 | 28 | 46 | 23 - 60 |
| Severe Chronic Heart Disease | 46 | 17 | 13 - 36 | 29 | 14 | 11 - 39 |
| Severe Trauma | 1 | 0 | 0 - 99 | 0 | - | - |
| Gastrointestinal Disease | 55 | 0 | 1 - 10 | 52 | 6 | 0 - 24 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 85 | 0 | 1 - 7 | 76 | 4 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 66 | 0 | 0 - 9 | 72 | 1 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 18 | 6 | 0 - 54 | 13 | 8 | 0 -100 |
| Urologic Disease | 41 | 0 | 0 - 30 | 43 | 0 | 0 - 71 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 50 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 82 |
| Percent of Physicians Who Are Board Certified Specialists: | 68 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## FEATHER RIVER HOSP

5974 PENTZ ROAD
PARADISE, CA 95969

Medicare Hospital Provider Number: 050225

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,377 | 11 | 9 - 14 | 1,263 | 12 | 9 - 14 |
| Cancer | 44 | 41 | 24 - 55 | 37 | 51 | 25 - 59 |
| Cerebrovascular Accidents | 48 | 29 | 16 - 43 | 60 | 25 | 16 - 39 |
| Gastrointestinal Catastrophes | 5 | 40 | 3 - 78 | 7 | 86 | 16 - 73 |
| Infectious Disease | 15 | 33 | 10 - 58 | 10 | 20 | 11 - 62 |
| Metabolic/Electrolyte Disorders | 18 | 6 | 6 - 40 | 20 | 5 | 7 - 38 |
| Pulmonary Disease | 123 | 24 | 18 - 36 | 100 | 20 | 15 - 34 |
| Renal Failure | 9 | 33 | 13 - 77 | 3 | 33 | 12 - 95 |
| Severe Acute Heart Disease | 65 | 43 | 28 - 53 | 70 | 33 | 28 - 51 |
| Severe Chronic Heart Disease | 41 | 15 | 13 - 37 | 35 | 40 | 13 - 46 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 87 | 2 | 0 - 12 | 70 | 0 | 1 - 8 |
| Gynecologic Disease | 28 | 0 | 0 -100 | 16 | 0 | 0 -100 |
| Low-Risk Heart Disease | 172 | 1 | 1 - 6 | 136 | 7 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 146 | 1 | 1 - 6 | 132 | 4 | 0 - 14 |
| Neuropsychiatric/Sensory Disease | 48 | 2 | 0 - 21 | 47 | 6 | 0 - 65 |
| Urologic Disease | 75 | 1 | 0 - 24 | 67 | 0 | 0 - 20 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 120 |
| Occupancy Rate (%): | 45 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 52 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 106 |
| Licensed Practical Nurses: | 33 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## FHP-FOUNTAIN VALLEY

9920 TALBERT AVENUE
FOUNTAIN VALLEY , CA 92728

Medicare Hospital Provider Number: 050678

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,583 | 12 | 10 - 14 | 633 | 11 | 9 - 15 |
| Cancer | 55 | 35 | 24 - 53 | 33 | 42 | 18 - 53 |
| Cerebrovascular Accidents | 71 | 20 | 16 - 37 | 35 | 23 | 14 - 43 |
| Gastrointestinal Catastrophes | 16 | 25 | 16 - 60 | 7 | 43 | 7 - 72 |
| Infectious Disease | 21 | 38 | 20 - 62 | 8 | 13 | 14 - 66 |
| Metabolic/Electrolyte Disorders | 23 | 57 | 12 - 55 | 11 | 36 | 4 - 62 |
| Pulmonary Disease | 81 | 36 | 18 - 41 | 26 | 38 | 8 - 47 |
| Renal Failure | 6 | 17 | 2 - 75 | 3 | 67 | 5 - 88 |
| Severe Acute Heart Disease | 76 | 24 | 23 - 45 | 30 | 17 | 25 - 53 |
| Severe Chronic Heart Disease | 92 | 30 | 14 - 34 | 37 | 11 | 12 - 35 |
| Severe Trauma | 3 | 0 | 3 - 79 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 111 | 2 | 0 - 10 | 47 | 6 | 0 - 52 |
| Gynecologic Disease | 29 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 228 | 3 | 1 - 7 | 86 | 0 | 1 - 6 |
| Musculoskeletal/Skin Conditions | 68 | 3 | 0 - 20 | 27 | 4 | 0 - 77 |
| Neuropsychiatric/Sensory Disease | 31 | 3 | 0 - 51 | 15 | 0 | 0 - 97 |
| Urologic Disease | 47 | 0 | 0 - 24 | 18 | 0 | 0 - 88 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 117 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 161 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## FOOTHILL PRESBYTERIAN HOSP

250 S GRAND AVE
GLENDORA, CA 91740

Medicare Hospital Provider Number: 050597

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 908 | 14 | 10 - 15 | 861 | 16 | 10 - 16 |
| Cancer | 35 | 46 | 27 - 62 | 31 | 48 | 26 - 62 |
| Cerebrovascular Accidents | 29 | 38 | 10 - 46 | 46 | 39 | 15 - 44 |
| Gastrointestinal Catastrophes | 13 | 15 | 14 - 58 | 8 | 50 | 5 - 69 |
| Infectious Disease | 6 | 67 | 14 - 80 | 7 | 71 | 15 - 77 |
| Metabolic/Electrolyte Disorders | 10 | 40 | 10 - 67 | 4 | 0 | 6 - 71 |
| Pulmonary Disease | 70 | 27 | 16 - 39 | 64 | 34 | 16 - 41 |
| Renal Failure | 2 | 50 | 8 - 98 | 2 | 50 | 5 - 94 |
| Severe Acute Heart Disease | 30 | 50 | 19 - 55 | 39 | 51 | 25 - 57 |
| Severe Chronic Heart Disease | 56 | 36 | 14 - 40 | 44 | 30 | 12 - 40 |
| Severe Trauma | 1 | 100 | 1 - 97 | 1 | 0 | 0 - 97 |
| Gastrointestinal Disease | 60 | 3 | 0 - 18 | 38 | 3 | 0 - 22 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 131 | 2 | 1 - 8 | 113 | 4 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 65 | 5 | 0 - 21 | 74 | 5 | 0 - 29 |
| Neuropsychiatric/Sensory Disease | 13 | 0 | 0 - 98 | 17 | 6 | 0 - 98 |
| Urologic Disease | 51 | 0 | 0 - 27 | 51 | 0 | 0 - 14 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 118 |
| Occupancy Rate (%): | 40 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 69 |
| Percent of Physicians Who Are Board Certified Specialists: | 72 |
| Interns and Residents: | 0 |
| Registered Nurses: | 100 |
| Licensed Practical Nurses: | 45 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## FOUNTAIN VALLEY COMM HOSP

17100 EUCLID ST
FOUNTAIN VALLEY, CA 92708

Medicare Hospital Provider Number: 050570

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,222 | 14 | 10 - 15 | 1,246 | 12 | 9 - 14 |
| Cancer | 34 | 59 | 27 - 62 | 40 | 52 | 25 - 58 |
| Cerebrovascular Accidents | 60 | 23 | 13 - 36 | 53 | 23 | 17 - 41 |
| Gastrointestinal Catastrophes | 10 | 50 | 11 - 69 | 12 | 33 | 12 - 64 |
| Infectious Disease | 13 | 38 | 11 - 62 | 23 | 30 | 16 - 55 |
| Metabolic/Electrolyte Disorders | 14 | 21 | 4 - 53 | 13 | 8 | 8 - 48 |
| Pulmonary Disease | 68 | 31 | 17 - 41 | 54 | 33 | 13 - 40 |
| Renal Failure | 2 | 50 | 1 - 94 | 4 | 100 | 12 - 81 |
| Severe Acute Heart Disease | 56 | 38 | 25 - 52 | 57 | 35 | 28 - 54 |
| Severe Chronic Heart Disease | 70 | 24 | 14 - 35 | 58 | 21 | 14 - 37 |
| Severe Trauma | 6 | 0 | 7 - 60 | 7 | 29 | 4 - 70 |
| Gastrointestinal Disease | 78 | 3 | 1 - 12 | 74 | 11 | 0 - 26 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 16 | 6 | 0 -100 |
| Low-Risk Heart Disease | 175 | 5 | 1 - 9 | 215 | 3 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 111 | 5 | 0 - 20 | 135 | 1 | 0 - 11 |
| Neuropsychiatric/Sensory Disease | 33 | 3 | 0 - 32 | 30 | 0 | 0 - 46 |
| Urologic Disease | 48 | 0 | 0 - 15 | 26 | 0 | 0 - 58 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 287 |
| Occupancy Rate (%): | 79 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 281 |
| Percent of Physicians Who Are Board Certified Specialists: | 67 |
| Interns and Residents: | 0 |
| Registered Nurses: | 399 |
| Licensed Practical Nurses: | 34 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Fountain Valley Community Hospital
Fountain Valley, California

Provider Number: 05-0570

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

## FOWLER MUNICIPAL HOSP

420 E MERCED ST
FOWLER, CA 93625

Medicare Hospital Provider Number: 050190

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 93 | 18 | 6 - 23 | 109 | 15 | 6 - 20 |
| Cancer | 3 | 67 | 6 - 87 | 3 | 33 | 7 - 88 |
| Cerebrovascular Accidents | 0 | - | - | 1 | 0 | 0 - 98 |
| Gastrointestinal Catastrophes | 1 | 100 | 0 - 98 | 2 | 50 | 0 - 96 |
| Infectious Disease | 2 | 50 | 2 - 92 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 5 | 0 | 1 - 68 | 6 | 0 | 1 - 65 |
| Pulmonary Disease | 14 | 36 | 10 - 59 | 13 | 23 | 10 - 57 |
| Renal Failure | 1 | 100 | 3 - 98 | 1 | 0 | 3 - 99 |
| Severe Acute Heart Disease | 1 | 100 | 3 - 99 | 4 | 100 | 15 - 78 |
| Severe Chronic Heart Disease | 4 | 25 | 0 - 93 | 3 | 33 | 1 - 90 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 14 | 0 | 0 - 94 | 13 | 8 | 0 -100 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 4 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 6 | 17 | 0 -100 | 8 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 3 | 0 | 0 -100 | 6 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 12 |
| Occupancy Rate (%): | 25 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 18 |
| Percent of Physicians Who Are Board Certified Specialists: | 6 |
| Interns and Residents: | 0 |
| Registered Nurses: | 8 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## FRANK R HOWARD MEM HOSP

MADRONE MANZANITA STS
WILLITS, CA 95490

Medicare Hospital Provider Number: 050440

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 262 | 12 | 9 - 17 | 258 | 17 | 10 - 20 |
| Cancer | 3 | 33 | 7 - 88 | 9 | 78 | 15 - 69 |
| Cerebrovascular Accidents | 13 | 23 | 10 - 56 | 15 | 27 | 11 - 56 |
| Gastrointestinal Catastrophes | 2 | 50 | 4 - 93 | 4 | 50 | 9 - 85 |
| Infectious Disease | 3 | 33 | 2 - 87 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 7 | 43 | 6 - 72 | 7 | 14 | 5 - 64 |
| Pulmonary Disease | 31 | 10 | 8 - 34 | 22 | 32 | 11 - 51 |
| Renal Failure | 0 | - | - | 1 | 100 | 3 - 98 |
| Severe Acute Heart Disease | 9 | 78 | 20 - 73 | 7 | 86 | 25 - 80 |
| Severe Chronic Heart Disease | 11 | 27 | 9 - 60 | 16 | 44 | 9 - 56 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 14 | 0 | 0 - 70 | 29 | 0 | 0 - 27 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 22 | 0 | 0 - 42 | 21 | 14 | 0 - 82 |
| Musculoskeletal/Skin Conditions | 23 | 0 | 1 - 23 | 23 | 0 | 0 - 33 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 38 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## FREMONT MEDICAL CENTER

970 PLUMAS ST
YUBA CITY, CA 95991

Medicare Hospital Provider Number: 050207

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,305 | 12 | 8 - 13 | 1,175 | 11 | 9 - 14 |
| Cancer | 49 | 43 | 22 - 52 | 44 | 52 | 27 - 58 |
| Cerebrovascular Accidents | 40 | 32 | 12 - 42 | 29 | 48 | 15 - 51 |
| Gastrointestinal Catastrophes | 13 | 38 | 13 - 64 | 7 | 57 | 12 - 76 |
| Infectious Disease | 5 | 60 | 8 - 79 | 11 | 36 | 9 - 64 |
| Metabolic/Electrolyte Disorders | 16 | 44 | 9 - 58 | 17 | 24 | 8 - 52 |
| Pulmonary Disease | 76 | 25 | 18 - 40 | 70 | 6 | 18 - 34 |
| Renal Failure | 7 | 43 | 5 - 76 | 9 | 22 | 14 - 76 |
| Severe Acute Heart Disease | 35 | 37 | 24 - 57 | 32 | 38 | 23 - 57 |
| Severe Chronic Heart Disease | 53 | 28 | 12 - 37 | 52 | 25 | 17 - 42 |
| Severe Trauma | 1 | 100 | 0 - 97 | 0 | - | - |
| Gastrointestinal Disease | 108 | 4 | 0 - 12 | 83 | 1 | 1 - 9 |
| Gynecologic Disease | 22 | 0 | 0 -100 | 27 | 0 | 0 -100 |
| Low-Risk Heart Disease | 157 | 6 | 1 - 10 | 112 | 2 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 127 | 2 | 1 - 8 | 120 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 17 | 6 | 0 - 76 | 18 | 11 | 0 - 80 |
| Urologic Disease | 71 | 0 | 1 - 8 | 44 | 2 | 0 - 33 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 128 |
| Occupancy Rate (%): | 67 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 151 |
| Percent of Physicians Who Are Board Certified Specialists: | 86 |
| Interns and Residents: | 0 |
| Registered Nurses: | 72 |
| Licensed Practical Nurses: | 55 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**FREMONT**
MEDICAL CENTER
UCMS

A NON-PROFIT COMMUNITY HOSPITAL - - 970 PLUMAS STREET, YUBA CITY, CALIFORNIA 95991 - - (916) 671-2220

October 11, 1988

HCFA
Health Standards and Quality Bureau
Meadows East Bldg., 2-D-2
6325 Security Blvd.,
Baltimore, Maryland 21207

Attention: Sandra Kappert

Dear Ms. Kappert:

Please note the corrections indicated on the attached sheet concerning physician staff (total number and percentage who are Board Certified). I have also noted our hospital's bed count by service classification as this information appears to be incomplete on the data sheet provided by HCFA.

Sincerely,
Phyllis Lauro
PHYLLIS LAURO
Director of Planning
and Program Development

PL:jm

## FRENCH HOSP

531 W COLLEGE ST
LOS ANGELES, CA 90012

Medicare Hospital Provider Number: 050018

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 612 | 11 | 12 - 18 | 627 | 10 | 12 - 18 |
| Cancer | 21 | 57 | 27 - 69 | 19 | 32 | 26 - 68 |
| Cerebrovascular Accidents | 28 | 7 | 18 - 42 | 26 | 8 | 17 - 42 |
| Gastrointestinal Catastrophes | 8 | 38 | 13 - 74 | 7 | 57 | 10 - 75 |
| Infectious Disease | 22 | 23 | 21 - 58 | 10 | 50 | 28 - 84 |
| Metabolic/Electrolyte Disorders | 17 | 18 | 7 - 49 | 22 | 9 | 8 - 41 |
| Pulmonary Disease | 36 | 28 | 16 - 47 | 25 | 32 | 16 - 53 |
| Renal Failure | 4 | 25 | 4 - 82 | 13 | 23 | 15 - 73 |
| Severe Acute Heart Disease | 18 | 39 | 21 - 64 | 15 | 73 | 26 - 70 |
| Severe Chronic Heart Disease | 49 | 10 | 17 - 37 | 51 | 6 | 17 - 34 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 41 | 2 | 1 - 20 | 39 | 0 | 0 - 16 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 116 | 1 | 2 - 7 | 136 | 1 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 36 | 3 | 0 - 26 | 51 | 2 | 1 - 15 |
| Neuropsychiatric/Sensory Disease | 13 | 0 | 0 - 97 | 11 | 0 | 0 - 88 |
| Urologic Disease | 22 | 5 | 0 - 77 | 12 | 0 | 1 - 42 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 125 |
| Occupancy Rate (%): | 66 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 297 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 0 |
| Registered Nurses: | 91 |
| Licensed Practical Nurses: | 25 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## FRENCH HOSP

1911 JOHNSON AVE
SAN LUIS OBISPO, CA 93401

Medicare Hospital Provider Number: 050232

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 810 | 11 | 7 - 13 | 779 | 10 | 7 - 13 |
| Cancer | 27 | 48 | 15 - 54 | 10 | 50 | 16 - 72 |
| Cerebrovascular Accidents | 17 | 35 | 10 - 54 | 24 | 38 | 12 - 51 |
| Gastrointestinal Catastrophes | 6 | 33 | 10 - 77 | 6 | 50 | 10 - 78 |
| Infectious Disease | 3 | 67 | 6 - 87 | 1 | 0 | 3 - 99 |
| Metabolic/Electrolyte Disorders | 11 | 0 | 6 - 43 | 2 | 50 | 0 - 95 |
| Pulmonary Disease | 16 | 25 | 7 - 51 | 21 | 24 | 8 - 47 |
| Renal Failure | 1 | 0 | 1 - 97 | 4 | 50 | 4 - 84 |
| Severe Acute Heart Disease | 39 | 38 | 21 - 52 | 45 | 27 | 24 - 52 |
| Severe Chronic Heart Disease | 48 | 29 | 11 - 38 | 29 | 28 | 10 - 44 |
| Severe Trauma | 2 | 0 | 3 - 88 | 1 | 0 | 1 - 97 |
| Gastrointestinal Disease | 38 | 0 | 0 - 18 | 41 | 0 | 1 - 14 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 191 | 4 | 2 - 8 | 167 | 4 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 56 | 0 | 1 - 10 | 74 | 3 | 0 - 15 |
| Neuropsychiatric/Sensory Disease | 23 | 0 | 0 - 68 | 49 | 0 | 0 - 24 |
| Urologic Disease | 33 | 3 | 0 - 92 | 29 | 3 | 0 - 63 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 138
Occupancy Rate (%): 36
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 116
Percent of Physicians Who Are Board Certified Specialists: 97
Interns and Residents: 0
Registered Nurses: 79
Licensed Practical Nurses: 3

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## FRENCH HOSP

4131 GEARY BLVD
SAN FRANCISCO, CA 94118

Medicare Hospital Provider Number: 050413

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,160 | 10 | 9 - 14 | 1,156 | 10 | 10 - 15 |
| Cancer | 46 | 30 | 24 - 54 | 51 | 33 | 27 - 56 |
| Cerebrovascular Accidents | 45 | 27 | 16 - 43 | 49 | 24 | 16 - 41 |
| Gastrointestinal Catastrophes | 8 | 38 | 6 - 69 | 10 | 30 | 6 - 63 |
| Infectious Disease | 13 | 31 | 17 - 66 | 21 | 38 | 18 - 60 |
| Metabolic/Electrolyte Disorders | 21 | 10 | 7 - 42 | 46 | 11 | 8 - 34 |
| Pulmonary Disease | 61 | 39 | 15 - 42 | 51 | 41 | 16 - 44 |
| Renal Failure | 8 | 38 | 17 - 83 | 4 | 25 | 10 - 86 |
| Severe Acute Heart Disease | 32 | 31 | 24 - 57 | 41 | 34 | 27 - 57 |
| Severe Chronic Heart Disease | 54 | 13 | 14 - 34 | 47 | 11 | 17 - 37 |
| Severe Trauma | 0 | - | - | 2 | 0 | 3 - 88 |
| Gastrointestinal Disease | 57 | 2 | 0 - 20 | 59 | 3 | 0 - 19 |
| Gynecologic Disease | 9 | 11 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 103 | 2 | 1 - 9 | 94 | 0 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 163 | 2 | 1 - 7 | 154 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 42 | 0 | 0 - 21 | 39 | 0 | 0 - 26 |
| Urologic Disease | 55 | 0 | 0 - 20 | 41 | 0 | 0 - 25 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 256 |
| Occupancy Rate (%): | 37 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 0 |
| Registered Nurses: | 117 |
| Licensed Practical Nurses: | 16 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# FRESNO COMM HOSP

FRESNO AND 'R' ST
FRESNO, CA 93721

Medicare Hospital Provider Number: 050060

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 4,656 | 15 | 10 - 14 | 4,696 | 14 | 12 - 16 |
| Cancer | 194 | 47 | 31 - 51 | 198 | 51 | 32 - 52 |
| Cerebrovascular Accidents | 194 | 31 | 20 - 35 | 210 | 23 | 20 - 33 |
| Gastrointestinal Catastrophes | 53 | 32 | 20 - 51 | 78 | 31 | 23 - 50 |
| Infectious Disease | 70 | 40 | 22 - 49 | 85 | 27 | 28 - 53 |
| Metabolic/Electrolyte Disorders | 46 | 28 | 11 - 42 | 28 | 46 | 13 - 52 |
| Pulmonary Disease | 257 | 33 | 18 - 34 | 278 | 36 | 21 - 36 |
| Renal Failure | 37 | 35 | 11 - 60 | 47 | 45 | 18 - 67 |
| Severe Acute Heart Disease | 162 | 41 | 30 - 48 | 186 | 43 | 30 - 48 |
| Severe Chronic Heart Disease | 212 | 26 | 17 - 31 | 190 | 28 | 18 - 32 |
| Severe Trauma | 5 | 20 | 4 - 75 | 6 | 50 | 4 - 75 |
| Gastrointestinal Disease | 321 | 7 | 2 - 8 | 276 | 5 | 1 - 8 |
| Gynecologic Disease | 77 | 1 | 0 - 90 | 52 | 0 | 0 -100 |
| Low-Risk Heart Disease | 628 | 5 | 2 - 6 | 570 | 4 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 237 | 3 | 1 - 7 | 259 | 5 | 2 - 8 |
| Neuropsychiatric/Sensory Disease | 308 | 4 | 0 - 8 | 370 | 1 | 1 - 5 |
| Urologic Disease | 176 | 3 | 0 - 9 | 178 | 1 | 0 - 7 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 458 |
| Occupancy Rate (%): | 73 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 368 |
| Percent of Physicians Who Are Board Certified Specialists: | 76 |
| Interns and Residents: | 0 |
| Registered Nurses: | 469 |
| Licensed Practical Nurses: | 134 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## GARFIELD MEDICAL CENTER

525 N GARFIELD AVE
MONTEREY PARK, CA 91754

Medicare Hospital Provider Number: 050432

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 937 | 15 | 12 - 18 | 1,049 | 16 | 13 - 18 |
| Cancer | 21 | 48 | 16 - 59 | 26 | 46 | 24 - 63 |
| Cerebrovascular Accidents | 35 | 31 | 15 - 46 | 49 | 29 | 17 - 43 |
| Gastrointestinal Catastrophes | 6 | 0 | 10 - 61 | 10 | 20 | 17 - 68 |
| Infectious Disease | 24 | 42 | 19 - 60 | 16 | 25 | 21 - 65 |
| Metabolic/Electrolyte Disorders | 24 | 17 | 11 - 47 | 30 | 37 | 10 - 48 |
| Pulmonary Disease | 72 | 28 | 18 - 41 | 76 | 32 | 19 - 43 |
| Renal Failure | 11 | 27 | 11 - 71 | 9 | 11 | 6 - 66 |
| Severe Acute Heart Disease | 47 | 32 | 27 - 55 | 56 | 48 | 29 - 57 |
| Severe Chronic Heart Disease | 73 | 22 | 14 - 34 | 73 | 21 | 16 - 36 |
| Severe Trauma | 3 | 33 | 3 - 86 | 3 | 0 | 3 - 79 |
| Gastrointestinal Disease | 56 | 4 | 1 - 17 | 55 | 5 | 1 - 20 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 151 | 5 | 1 - 10 | 169 | 2 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 58 | 7 | 1 - 20 | 54 | 4 | 0 - 21 |
| Neuropsychiatric/Sensory Disease | 16 | 0 | 0 - 62 | 26 | 0 | 2 - 19 |
| Urologic Disease | 20 | 5 | 0 - 95 | 33 | 0 | 0 - 25 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 229 |
| Occupancy Rate (%): | 57 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 144 |
| Percent of Physicians Who Are Board Certified Specialists: | 59 |
| Interns and Residents: | 0 |
| Registered Nurses: | 192 |
| Licensed Practical Nurses: | 48 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## GENERAL HOSP

2200 HARRISON AVE
EUREKA, CA 95501

Medicare Hospital Provider Number: 050097

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 430 | 11 | 6 - 13 | 401 | 10 | 7 - 14 |
| Cancer | 9 | 44 | 12 - 71 | 12 | 33 | 19 - 70 |
| Cerebrovascular Accidents | 12 | 25 | 6 - 56 | 9 | 11 | 10 - 58 |
| Gastrointestinal Catastrophes | 1 | 0 | 1 - 97 | 4 | 25 | 3 - 80 |
| Infectious Disease | 3 | 100 | 8 - 81 | 3 | 0 | 8 - 81 |
| Metabolic/Electrolyte Disorders | 6 | 50 | 3 - 75 | 2 | 0 | 0 - 95 |
| Pulmonary Disease | 19 | 47 | 9 - 53 | 14 | 14 | 9 - 50 |
| Renal Failure | 0 | - | - | 2 | 50 | 1 - 93 |
| Severe Acute Heart Disease | 14 | 64 | 16 - 64 | 8 | 63 | 12 - 72 |
| Severe Chronic Heart Disease | 11 | 0 | 9 - 41 | 16 | 25 | 7 - 51 |
| Severe Trauma | 1 | 0 | 0 - 98 | 2 | 50 | 2 - 92 |
| Gastrointestinal Disease | 18 | 0 | 0 - 71 | 21 | 0 | 0 - 59 |
| Gynecologic Disease | 20 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 31 | 3 | 0 - 34 | 36 | 8 | 0 - 45 |
| Musculoskeletal/Skin Conditions | 39 | 3 | 0 - 53 | 35 | 0 | 0 - 33 |
| Neuropsychiatric/Sensory Disease | 13 | 0 | 0 - 99 | 24 | 4 | 0 - 49 |
| Urologic Disease | 51 | 2 | 0 - 30 | 48 | 2 | 0 - 23 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1983

| | |
|---|---|
| Total Beds (#): | 84 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 52 |
| Licensed Practical Nurses: | 14 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# GEORGE L MEE MEM HOSP

300 CANAL ST
KING CITY, CA 93930

Medicare Hospital Provider Number: 050189

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 184 | 12 | 9 - 19 | 172 | 12 | 8 - 18 |
| Cancer | 1 | 100 | 1 -100 | 0 | - | - |
| Cerebrovascular Accidents | 6 | 33 | 5 - 73 | 5 | 80 | 8 - 75 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 0 | 2 - 97 |
| Infectious Disease | 1 | 0 | 1 - 97 | 2 | 50 | 4 - 93 |
| Metabolic/Electrolyte Disorders | 2 | 0 | 7 - 91 | 1 | 100 | 1 - 97 |
| Pulmonary Disease | 14 | 29 | 11 - 57 | 10 | 0 | 10 - 45 |
| Renal Failure | 2 | 100 | 10 - 95 | 0 | - | - |
| Severe Acute Heart Disease | 9 | 78 | 15 - 68 | 11 | 36 | 17 - 69 |
| Severe Chronic Heart Disease | 22 | 14 | 11 - 42 | 16 | 0 | 12 - 35 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 12 | 0 | 0 - 95 | 16 | 0 | 0 - 72 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 30 | 0 | 1 - 18 | 36 | 0 | 0 - 17 |
| Musculoskeletal/Skin Conditions | 13 | 0 | 0 - 79 | 10 | 0 | 0 - 85 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Urologic Disease | 2 | 0 | 0 -100 | 5 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 42 |
| Occupancy Rate (%): | 29 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## GLENDALE ADVENTIST MED CTR

1509 E WILSON AVE
GLENDALE, CA 91206

Medicare Hospital Provider Number: 050239

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,946 | 14 | 10 - 15 | 3,130 | 12 | 10 - 14 |
| Cancer | 98 | 50 | 27 - 51 | 106 | 44 | 31 - 54 |
| Cerebrovascular Accidents | 144 | 29 | 18 - 35 | 122 | 30 | 19 - 38 |
| Gastrointestinal Catastrophes | 25 | 28 | 14 - 52 | 25 | 32 | 16 - 56 |
| Infectious Disease | 44 | 32 | 22 - 53 | 44 | 48 | 24 - 57 |
| Metabolic/Electrolyte Disorders | 59 | 19 | 12 - 39 | 45 | 20 | 11 - 40 |
| Pulmonary Disease | 213 | 32 | 21 - 37 | 234 | 33 | 22 - 38 |
| Renal Failure | 10 | 30 | 16 - 77 | 13 | 31 | 9 - 68 |
| Severe Acute Heart Disease | 103 | 50 | 30 - 51 | 96 | 39 | 32 - 53 |
| Severe Chronic Heart Disease | 124 | 29 | 16 - 33 | 123 | 24 | 16 - 33 |
| Severe Trauma | 3 | 0 | 2 - 80 | 5 | 40 | 7 - 79 |
| Gastrointestinal Disease | 122 | 6 | 1 - 12 | 152 | 2 | 2 - 8 |
| Gynecologic Disease | 32 | 0 | 0 -100 | 27 | 4 | 0 -100 |
| Low-Risk Heart Disease | 359 | 3 | 2 - 6 | 406 | 3 | 1 - 6 |
| Musculoskeletal/Skin Conditions | 283 | 5 | 1 - 8 | 286 | 2 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 165 | 3 | 1 - 9 | 191 | 3 | 1 - 8 |
| Urologic Disease | 115 | 3 | 0 - 13 | 147 | 3 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

Total Beds (#): 604
Ownership/Control: Church

STAFFING

Interns and Residents: 31
Registered Nurses: 585
Licensed Practical Nurses: 106

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

**Glendale Adventist Medical Center** 1509 Wilson Terrace, Glendale, California 91206-4007 (818) 409-8000

October 6, 1988

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards & Quality Bureau
Meadows East Building, 2 - D -2
6325 Security Boulevard
Baltimore, Maryland 21207

RE: 1987 HCFA Mortality Information (Provider #050239)

Dear Mrs. Kappert:

Glendale Adventist Medical Center appreciates the opportunity to provide a written response in advance of the publication of the Mortality Rate Report by the Health Care Financing Administration.

We believe that while there may be some difficulties inherent in using mortality rates as a measure in healthcare, the effort to provide the American public with reliable information on this important industry should not be discouraged. We welcome this effort to improve American healthcare.

This hospital takes the matter of quality in healthcare very seriously indeed. A series of internal quality-review mechanisms provides ongoing assessment of our healthcare delivery system, and helps to identify opportunities for improvement. For this reason the statistics provided in the present report hold no surprises for us.

Looking at the report in overall terms, it is worth noting that we are within the range of predicted mortality rates in all categories. The categories in which we are at the high end of the range will provide us with further areas of focus within our quality assessment programs, using our individual patient mix for comparison.

Again, we applaud HCFA's effort to provide evidence of quality in healthcare to the consumers. We trust the above information has served to further this effort.

A member of Adventist Health System-West

Any questions about our section of the HCFA report, or the above information, may be directed:

Constance J. Thomas, Manager of Quality Assessment
1509 Wilson Terrace, Glendale, CA 91206
(818) 409-8048

Sincerely,

David Nelson

David Nelson
Executive Vice President

DN:kjd

## GLENDALE MEMORIAL HOSP AND HEALTH CT

1420 S CENTRAL AVE
GLENDALE, CA 91204

Medicare Hospital Provider Number: 050058

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,401 | 13 | 11 - 16 | 2,390 | 14 | 12 - 16 |
| Cancer | 84 | 48 | 31 - 56 | 107 | 52 | 31 - 55 |
| Cerebrovascular Accidents | 99 | 24 | 20 - 38 | 95 | 29 | 21 - 41 |
| Gastrointestinal Catastrophes | 25 | 44 | 19 - 60 | 19 | 58 | 18 - 63 |
| Infectious Disease | 45 | 36 | 23 - 55 | 24 | 46 | 21 - 62 |
| Metabolic/Electrolyte Disorders | 41 | 17 | 12 - 42 | 22 | 23 | 12 - 51 |
| Pulmonary Disease | 156 | 27 | 21 - 39 | 146 | 27 | 22 - 40 |
| Renal Failure | 12 | 33 | 15 - 75 | 10 | 40 | 15 - 79 |
| Severe Acute Heart Disease | 59 | 51 | 29 - 56 | 75 | 45 | 32 - 56 |
| Severe Chronic Heart Disease | 159 | 26 | 18 - 34 | 138 | 28 | 20 - 37 |
| Severe Trauma | 6 | 17 | 7 - 70 | 6 | 33 | 9 - 76 |
| Gastrointestinal Disease | 146 | 5 | 2 - 10 | 135 | 7 | 1 - 12 |
| Gynecologic Disease | 23 | 0 | 0 -100 | 24 | 0 | 0 -100 |
| Low-Risk Heart Disease | 409 | 3 | 2 - 6 | 372 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 207 | 0 | 1 - 5 | 226 | 1 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 73 | 3 | 0 - 16 | 65 | 3 | 0 - 17 |
| Urologic Disease | 95 | 1 | 0 - 10 | 112 | 2 | 1 - 9 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 310 |
| Occupancy Rate (%): | 54 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 145 |
| Percent of Physicians Who Are Board Certified Specialists: | 82 |
| Interns and Residents: | 0 |
| Registered Nurses: | 195 |
| Licensed Practical Nurses: | 16 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

GLENDALE MEMORIAL HOSPITAL
AND HEALTH CENTER
1420 South Central Avenue
Glendale, California 91204
818/502-2201

05-0058

William D. Parente
President

October 19, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, MD 21207

We respectfully request that the following information for Glendale Memorial Hospital and Health Center be attached to the Hospital Specific Report for Calendar Year 1987, prior to public disclosure.

Glendale Memorial Hospital and Health Center is a 310 bed, not-for-profit community hospital which has earned a reputation for excellence. Our acute care facility provides comprehensive medical and surgical services, including a complete range of cardiac services, orthopedic services, a cancer center, rehabilitation services, obstetric and gynecological services, psychiatric services, a skilled nursing facility, emergency, outpatient and disease prevention services.

Our ongoing Quality Assurance program directs that the Medical Staff reviews and evaluates all patient care rendered. This is done systematically and continuously. Mortality review is just one element of our program. Our system thus provides us with a continuous feedback mechanism which helps us not only to meet but exceed quality health care standards. The hospital holds a three-year accreditation without contingencies from the Joint Commission on the Accreditation of Healthcare Organizations, a distinction which places us in the top 9 percent of the approximately 1,100 hospitals surveyed nationwide by the JCAHO in a survey cycle similar to ours.

Based on a comprehensive review of the hospital-specific data reported by HCFA, the hospital President, Chief of Staff, Vice President of Nursing, Director of Medical Records, Director of Utilization Management and Director of Quality Assurance have validated that, with a few minor exceptions, the data is accurate. The 1987 actual mortality rate of 13 percent for all causes is well within the range of predicted mortality rates, and it is also lower than our actual rate the previous year (14%). With just one exception, actual mortality rates in every diagnostic category were lower than the previous year's, as well as falling within the predicted ranges.

The Medical Staff of Glendale Memorial Hospital and Health Center will continue to review for quality and appropriateness all care rendered to our patients. Results from these reviews will allow opportunities for further improving the care we provide.

Thank you for the opportunity to offer this response.

WDParente
William D. Parente
President

E DuBose Dent Jr
E. DuBose Dent, Jr., M.D.
Chief of Staff

## GLENN GENERAL HOSPITAL

1133 W SYCAMORE ST
WILLOWS, CA 95988

Medicare Hospital Provider Number: 050092

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 275 | 17 | 10 - 19 | 244 | 20 | 9 - 19 |
| Cancer | 4 | 50 | 10 - 86 | 4 | 100 | 19 - 82 |
| Cerebrovascular Accidents | 11 | 36 | 11 - 64 | 5 | 20 | 3 - 74 |
| Gastrointestinal Catastrophes | 4 | 75 | 8 - 82 | 2 | 0 | 3 - 88 |
| Infectious Disease | 3 | 33 | 8 - 89 | 1 | 0 | 1 - 97 |
| Metabolic/Electrolyte Disorders | 5 | 20 | 1 - 79 | 1 | 100 | 0 - 99 |
| Pulmonary Disease | 37 | 38 | 14 - 47 | 36 | 39 | 12 - 45 |
| Renal Failure | 3 | 33 | 4 - 87 | 0 | - | - |
| Severe Acute Heart Disease | 13 | 46 | 16 - 66 | 15 | 33 | 21 - 67 |
| Severe Chronic Heart Disease | 14 | 14 | 6 - 48 | 15 | 40 | 8 - 56 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 26 | 0 | 0 - 37 | 23 | 4 | 0 - 88 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 35 | 6 | 0 - 37 | 29 | 3 | 0 - 45 |
| Musculoskeletal/Skin Conditions | 24 | 8 | 0 - 95 | 22 | 14 | 0 - 68 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 - 98 | 8 | 13 | 0 -100 |
| Urologic Disease | 2 | 0 | 0 -100 | 5 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 62 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## GOLETA VALLEY COMM HOSP

351 S PATTERSON AVE
SANTA BARBARA, CA 93111

Medicare Hospital Provider Number: 050357

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 655 | 13 | 9 - 15 | 629 | 13 | 9 - 15 |
| Cancer | 24 | 21 | 26 - 61 | 28 | 36 | 22 - 59 |
| Cerebrovascular Accidents | 30 | 30 | 13 - 46 | 33 | 18 | 14 - 42 |
| Gastrointestinal Catastrophes | 3 | 33 | 3 - 86 | 2 | 100 | 2 - 88 |
| Infectious Disease | 3 | 0 | 7 - 81 | 4 | 75 | 5 - 80 |
| Metabolic/Electrolyte Disorders | 6 | 33 | 1 - 78 | 13 | 15 | 10 - 54 |
| Pulmonary Disease | 22 | 27 | 13 - 51 | 16 | 38 | 6 - 54 |
| Renal Failure | 0 | - | - | 2 | 50 | 4 - 93 |
| Severe Acute Heart Disease | 40 | 42 | 23 - 54 | 36 | 39 | 24 - 57 |
| Severe Chronic Heart Disease | 34 | 18 | 12 - 40 | 43 | 26 | 12 - 39 |
| Severe Trauma | 2 | 50 | 2 - 92 | 0 | - | - |
| Gastrointestinal Disease | 46 | 7 | 0 - 46 | 25 | 0 | 0 - 38 |
| Gynecologic Disease | 10 | 0 | 0 -100 | 16 | 0 | 0 -100 |
| Low-Risk Heart Disease | 99 | 10 | 1 - 19 | 91 | 4 | 0 - 14 |
| Musculoskeletal/Skin Conditions | 72 | 4 | 0 - 20 | 64 | 5 | 0 - 30 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 11 | 18 | 0 -100 |
| Urologic Disease | 28 | 4 | 0 - 90 | 31 | 0 | 0 - 97 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 109
Occupancy Rate (%): 48
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 109
Percent of Physicians Who Are Board Certified Specialists: 49
Interns and Residents: 0
Registered Nurses: 97
Licensed Practical Nurses: 18

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## GOOD SAMARITAN HOSPITAL OF SANTA CLA

2425 SAMARITAN DR
SAN JOSE, CA 95124

Medicare Hospital Provider Number: 050380

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,472 | 10 | 9 - 13 | 2,383 | 11 | 9 - 13 |
| Cancer | 97 | 41 | 26 - 50 | 77 | 40 | 24 - 50 |
| Cerebrovascular Accidents | 99 | 19 | 19 - 36 | 109 | 18 | 20 - 37 |
| Gastrointestinal Catastrophes | 23 | 39 | 18 - 60 | 18 | 56 | 16 - 62 |
| Infectious Disease | 26 | 23 | 16 - 51 | 21 | 43 | 18 - 61 |
| Metabolic/Electrolyte Disorders | 27 | 22 | 9 - 46 | 26 | 15 | 9 - 43 |
| Pulmonary Disease | 70 | 16 | 14 - 35 | 65 | 28 | 14 - 39 |
| Renal Failure | 13 | 31 | 13 - 71 | 12 | 25 | 13 - 72 |
| Severe Acute Heart Disease | 105 | 30 | 27 - 47 | 100 | 33 | 29 - 50 |
| Severe Chronic Heart Disease | 97 | 22 | 16 - 34 | 114 | 26 | 15 - 33 |
| Severe Trauma | 5 | 20 | 8 - 76 | 3 | 33 | 2 - 86 |
| Gastrointestinal Disease | 144 | 3 | 1 - 9 | 137 | 1 | 1 - 7 |
| Gynecologic Disease | 31 | 0 | 0 -100 | 29 | 0 | 0 -100 |
| Low-Risk Heart Disease | 397 | 3 | 2 - 6 | 390 | 4 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 181 | 3 | 1 - 8 | 176 | 1 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 74 | 4 | 0 - 27 | 69 | 6 | 0 - 39 |
| Urologic Disease | 188 | 1 | 0 - 8 | 149 | 1 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 388 |
| Occupancy Rate (%): | 62 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 424 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 0 |
| Registered Nurses: | 350 |
| Licensed Practical Nurses: | 29 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

MEDICAL
STAFF

THE
GOOD
SAMARITAN
HOSPITAL
OF SANTA CLARA VALLEY

2425 SAMARITAN DRIVE
SAN JOSE, CALIFORNIA 95124
(408) 559-2011

An Affiliate Of

HEALTH
DIMENSIONS
INCORPORATED

THE GOOD SAMARITAN HOSPITAL
OF SANTA CLARA VALLEY
SAN JOSE HEALTH CENTER/
SAN JOSE HOSPITAL
WHEELER HOSPITAL
SOUTH VALLEY
INTERCOMMUNITY HOSPITAL (1988)
HEALTH ADVANTAGE

October 19, 1988

William L. Roper, M.D.
Administrator
Department of Health
and Human Services
Washington, D.C. 20201

Dear Doctor Roper:

Thank you for the opportunity to respond to the HCFA mortality statistics for 1987. The improvement in your data system is noteworthy, but, such hospital mortality rates do not address the complex issues of comparisons of the quality of health care.

We are most pleased to find that the Good Samaritan Hospital's actual mortality is in the lower half of all but one of the 17 categories.

Each of our deaths as well as other events is routinely and carefully reviewed by peers on the medical staff, and the entire process is overseen by the Quality Assurance Committee, consisting of the key leadership of the hospital and medical staff. We have found that other indicators such as infection rates, and infant mortality rates are consistently below the average for community hospitals according to the Center for Disease Control and the State of California Department of Health. We are happy to have your information to further assist us in our Quality Assurance Program.

Sincerely yours,

Richard E. Herington
President

David W. Mc Cullough, M.D.
Chief of Staff and Chairman
Quality Assurance Committee

REH:DWMcC:ef

## GRANADA HILLS COMM HOSP

10445 BALBOA BLVD
GRANADA HILLS, CA 91344

Medicare Hospital Provider Number: 050214

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 789 | 14 | 9 - 15 | 913 | 13 | 9 - 15 |
| Cancer | 30 | 43 | 21 - 58 | 21 | 67 | 23 - 64 |
| Cerebrovascular Accidents | 31 | 48 | 13 - 48 | 38 | 42 | 13 - 45 |
| Gastrointestinal Catastrophes | 4 | 0 | 4 - 71 | 8 | 63 | 12 - 73 |
| Infectious Disease | 8 | 38 | 9 - 70 | 5 | 0 | 7 - 65 |
| Metabolic/Electrolyte Disorders | 13 | 31 | 10 - 61 | 13 | 31 | 5 - 58 |
| Pulmonary Disease | 45 | 31 | 14 - 43 | 51 | 20 | 17 - 42 |
| Renal Failure | 3 | 33 | 5 - 88 | 7 | 86 | 16 - 79 |
| Severe Acute Heart Disease | 28 | 57 | 22 - 59 | 35 | 37 | 23 - 55 |
| Severe Chronic Heart Disease | 34 | 18 | 12 - 40 | 49 | 22 | 14 - 39 |
| Severe Trauma | 1 | 0 | 0 -100 | 1 | 100 | 2 - 97 |
| Gastrointestinal Disease | 37 | 3 | 0 - 24 | 44 | 0 | 0 - 14 |
| Gynecologic Disease | 9 | 0 | 0 -100 | 14 | 0 | 0 -100 |
| Low-Risk Heart Disease | 149 | 5 | 1 - 10 | 141 | 4 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 81 | 0 | 0 - 8 | 77 | 0 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 21 | 5 | 0 - 75 | 16 | 6 | 0 -100 |
| Urologic Disease | 22 | 0 | 0 - 30 | 64 | 2 | 0 - 61 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 177 |
| Occupancy Rate (%): | 40 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 91 |
| Percent of Physicians Who Are Board Certified Specialists: | 71 |
| Interns and Residents: | 0 |
| Registered Nurses: | 134 |
| Licensed Practical Nurses: | 39 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## GREATER BAKERSFIELD MEM HOSP

420 34TH ST BOX 1888
BAKERSFIELD, CA 93301

Medicare Hospital Provider Number: 050036

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,864 | 17 | 11 - 16 | 1,624 | 15 | 11 - 16 |
| Cancer | 82 | 57 | 33 - 58 | 62 | 44 | 27 - 55 |
| Cerebrovascular Accidents | 63 | 30 | 17 - 41 | 66 | 33 | 16 - 40 |
| Gastrointestinal Catastrophes | 16 | 50 | 12 - 60 | 17 | 47 | 13 - 61 |
| Infectious Disease | 57 | 28 | 24 - 52 | 42 | 43 | 26 - 59 |
| Metabolic/Electrolyte Disorders | 36 | 17 | 11 - 42 | 37 | 19 | 12 - 43 |
| Pulmonary Disease | 157 | 39 | 19 - 37 | 138 | 36 | 19 - 39 |
| Renal Failure | 13 | 23 | 16 - 73 | 9 | 56 | 16 - 82 |
| Severe Acute Heart Disease | 57 | 53 | 28 - 56 | 45 | 42 | 25 - 55 |
| Severe Chronic Heart Disease | 68 | 28 | 13 - 35 | 55 | 36 | 13 - 39 |
| Severe Trauma | 2 | 0 | 3 - 88 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 125 | 7 | 1 - 13 | 95 | 4 | 1 - 13 |
| Gynecologic Disease | 39 | 0 | 0 -100 | 27 | 4 | 0 -100 |
| Low-Risk Heart Disease | 187 | 4 | 2 - 9 | 165 | 1 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 189 | 4 | 0 - 9 | 208 | 0 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 22 | 0 | 0 - 72 | 18 | 6 | 0 - 77 |
| Urologic Disease | 60 | 3 | 0 - 25 | 47 | 4 | 0 - 45 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 190 |
| Occupancy Rate (%): | 64 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 340 |
| Percent of Physicians Who Are Board Certified Specialists: | 65 |
| Interns and Residents: | 0 |
| Registered Nurses: | 237 |
| Licensed Practical Nurses: | 41 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## GREATER EL MONTE COMM HOSP

1701 SANTA ANITA AVE
SOUTH EL MONTE, CA 91733

Medicare Hospital Provider Number: 050615

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 522 | 17 | 11 - 18 | 584 | 21 | 12 - 19 |
| Cancer | 9 | 56 | 14 - 73 | 12 | 50 | 19 - 71 |
| Cerebrovascular Accidents | 16 | 25 | 13 - 55 | 33 | 55 | 13 - 47 |
| Gastrointestinal Catastrophes | 4 | 25 | 6 - 81 | 1 | 0 | 1 - 97 |
| Infectious Disease | 11 | 36 | 12 - 66 | 15 | 47 | 18 - 66 |
| Metabolic/Electrolyte Disorders | 15 | 20 | 7 - 52 | 14 | 14 | 5 - 50 |
| Pulmonary Disease | 57 | 23 | 16 - 40 | 61 | 34 | 16 - 42 |
| Renal Failure | 1 | 100 | 2 - 97 | 6 | 50 | 7 - 80 |
| Severe Acute Heart Disease | 23 | 65 | 23 - 62 | 33 | 61 | 23 - 57 |
| Severe Chronic Heart Disease | 47 | 26 | 16 - 42 | 41 | 29 | 13 - 42 |
| Severe Trauma | 1 | 0 | 0 -100 | 0 | - | - |
| Gastrointestinal Disease | 18 | 6 | 0 - 74 | 27 | 0 | 1 - 20 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 64 | 2 | 1 - 12 | 75 | 5 | 1 - 16 |
| Musculoskeletal/Skin Conditions | 42 | 2 | 0 - 21 | 43 | 5 | 0 - 40 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 - 98 | 7 | 14 | 0 -100 |
| Urologic Disease | 18 | 0 | 0 - 99 | 18 | 0 | 0 - 84 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 115 |
| Occupancy Rate (%): | 44 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## GROSSMONT DISTRICT HOSPITAL

5555 GROSSMONT CENTER DRIVE -
LA MESA, CA 92041

Medicare Hospital Provider Number: 050026

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,826 | 14 | 11 - 15 | 3,871 | 15 | 12 - 16 |
| Cancer | 199 | 52 | 32 - 52 | 204 | 56 | 34 - 53 |
| Cerebrovascular Accidents | 200 | 26 | 20 - 35 | 177 | 25 | 20 - 35 |
| Gastrointestinal Catastrophes | 35 | 29 | 18 - 53 | 45 | 42 | 19 - 52 |
| Infectious Disease | 71 | 28 | 21 - 47 | 56 | 39 | 20 - 50 |
| Metabolic/Electrolyte Disorders | 58 | 28 | 12 - 41 | 84 | 24 | 12 - 38 |
| Pulmonary Disease | 284 | 26 | 18 - 33 | 246 | 29 | 19 - 34 |
| Renal Failure | 15 | 47 | 18 - 76 | 20 | 30 | 12 - 66 |
| Severe Acute Heart Disease | 162 | 37 | 30 - 48 | 161 | 41 | 31 - 49 |
| Severe Chronic Heart Disease | 150 | 25 | 16 - 32 | 193 | 24 | 18 - 32 |
| Severe Trauma | 13 | 15 | 15 - 60 | 5 | 20 | 3 - 75 |
| Gastrointestinal Disease | 223 | 2 | 2 - 6 | 222 | 4 | 1 - 8 |
| Gynecologic Disease | 42 | 0 | 0 -100 | 40 | 5 | 0 -100 |
| Low-Risk Heart Disease | 423 | 2 | 2 - 6 | 462 | 5 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 336 | 4 | 1 - 7 | 370 | 4 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 64 | 5 | 1 - 18 | 52 | 2 | 0 - 17 |
| Urologic Disease | 208 | 2 | 0 - 9 | 147 | 1 | 0 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 393 |
| Occupancy Rate (%): | 76 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 347 |
| Percent of Physicians Who Are Board Certified Specialists: | 66 |
| Interns and Residents: | 0 |
| Registered Nurses: | 403 |
| Licensed Practical Nurses: | 116 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

GROSSMONT
HOSPITAL

A District Hospital
P.O. Box 158, La Mesa
California 92044-0300
(619) 589-4145

**MEDICAL STAFF OFFICERS:**

MAYNARD R. OLSEN, M.D.
Chief of Staff

ROKAY KAMYAR, M.D.
Chief of Staff Elect

CHARLES H. WHITE, Ph.D.
Executive Assistant
to the Chief of Staff

October 19, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappart:

Thank you for this opportunity to comment on the HCFA Mortality data for Grossmont Hospital.

In our comment letter, dated October 26, 1987, we pointed out several problems with the methodology, particularly adjustment for acuity. The 1988 study now includes that additional refinement and we appreciate your responsiveness to advice from the field. We can now have more confidence that the work will produce useful and valuable information for physicians and hospitals as well as the public and federal agencies. It is a step in the right direction of increasingly scientific study and analysis moving away from the sensationalist publicity approach.

Grossmont Hospital has a well-earned reputation for high-quality health care, a strong medical staff and outstanding nursing care. Our belief in centers of excellence is borne out by the finding that mortality rates in 1988 are all within predicted ranges, as were rates in the 1987 release.

Grossmont Hospital has reviewed HCFA data and we find little or no error in number of cases, names of patients and number of deaths. But it is still not possible to verify some deaths that occur after discharge from the hospital and to state with certainty that those deaths were a measure of hospital care.

We are studying the Medicare Mortality Predictor System and will consider its utility, but we made no effort to implement that technology prior to these comments. Thank you for developing the approach. We will know more about it as time goes on.

There are several errors in the hospital characteristics shown for Grossmont Hospital. Please make the following corrections:

Beds - 416 instead of 213
Occupancy - 76% instead of 72%
Board Certified Physicians - 64% instead of 52%
Registered Nurses per Bed - 1.8 instead of 2.59
Licensed Practice Nurses per Bed - 0.45 instead of .63
Organ Transport Service - No instead of yes

In summary, we accept our responsibility to evaluate our medical care and we have working mechanisms in place to accomplish that purpose. We hope that other work in progress will lead to refinement such as:

* specifying cause of death
* comparing cause of death to reason of admission
* adding patients that died in hospital later than 30 days after admission

We are pleased to respond and have attempted to present a positive and useful effort in that direction.

Sincerely,

Charles H White PhD.

Charles H. White, Ph.D.
Executive Assistant to the Chief of Staff

CHW/tf<hcfale>

Enclosure

cc: Michael Erne, CEO
Maynard Olsen, M.D.
Board of Directors
Daniel P. Bourque, Voluntary Hospitals of America

## HANFORD COMM HOSP

450 GREENFIELD AVE
HANFORD, CA 93230

Medicare Hospital Provider Number: 050121

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 733 | 13 | 9 - 15 | 721 | 13 | 9 - 16 |
| Cancer | 22 | 36 | 22 - 62 | 12 | 42 | 21 - 73 |
| Cerebrovascular Accidents | 28 | 29 | 14 - 48 | 26 | 31 | 15 - 50 |
| Gastrointestinal Catastrophes | 8 | 63 | 11 - 72 | 2 | 0 | 0 - 92 |
| Infectious Disease | 13 | 77 | 16 - 63 | 13 | 46 | 13 - 65 |
| Metabolic/Electrolyte Disorders | 12 | 17 | 5 - 54 | 24 | 13 | 6 - 40 |
| Pulmonary Disease | 26 | 15 | 10 - 41 | 35 | 29 | 12 - 43 |
| Renal Failure | 10 | 60 | 12 - 75 | 7 | 71 | 13 - 81 |
| Severe Acute Heart Disease | 35 | 49 | 24 - 57 | 34 | 32 | 24 - 56 |
| Severe Chronic Heart Disease | 38 | 13 | 11 - 35 | 42 | 29 | 15 - 43 |
| Severe Trauma | 1 | 100 | 1 - 97 | 2 | 0 | 1 - 91 |
| Gastrointestinal Disease | 60 | 2 | 1 - 13 | 40 | 7 | 1 - 29 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 17 | 0 | 0 -100 |
| Low-Risk Heart Disease | 95 | 3 | 1 - 11 | 79 | 3 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 55 | 2 | 0 - 31 | 50 | 0 | 0 - 15 |
| Neuropsychiatric/Sensory Disease | 19 | 5 | 0 - 85 | 6 | 0 | 0 -100 |
| Urologic Disease | 39 | 3 | 0 - 56 | 50 | 2 | 0 - 35 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 50 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

**HANFORD COMMUNITY HOSPITAL**

450 Greenfield Avenue P.O. Box 240 Hanford California 93232 (209) 582-9000

October 21, 1988

RE: 1988 HCFA Mortality Rate Report for Hanford
Community Hospital
Provider # 050121

To Whom It May Concern:

Hanford Community Hospital appreciates the opportunity to provide a written response in advance of the publication of the Mortality Rate Report by the Health Care Financing Administration. Although it is generally accepted that mortality data does not necessarily reflect the quality of care provided to patients, the effort to provide the American public with reliable information on this important industry should not be discouraged. We welcome this effort to improve American health care.

Our hospital is very concerned about quality in health care. A series of internal quality-review programs provides ongoing assessment of how we are doing and helps to identify ways we can do even better. All deaths occurring in the hospital are reviewed by a medical staff committee on a monthly basis. For this reason, the statistics provided in the present report hold no surprises for us.

As indicated in HCFA's report, at times there are very good reasons for a hospital's mortality rate to be higher than the predicted range. We believe there is additional information that should be taken into account in evaluating several areas.

Severe Trauma

One death was reported out of one case in this diagnostic category. The patient came to our hospital two weeks subsequent to falling at home with a subdural hematoma. He was transferred to another facility where a neurosurgeon's services were available and expired at that facility the day after transfer from our hospital.

A member of Adventist Health System/West

Infectious Diseases

All ten of the reported deaths in this category were admitted to Hanford Community Hospital with severe septicemia, five cases being transferred from a nursing home. Of the ten cases, eight were associated with severe chronic conditions such as cancer, alcoholic cirrhosis, and chronic lung disease. One of the other cases was admitted with infected abdominal aneurysm, where the patient was not stable enough to perform a major thoracic abdominal surgery. The last case was an eighty-four year old admitted with bacteremia, due to salmonella associated with pneumonia.

Again, we applaud HCFA's effort to provide evidence of quality in health care to the consumer. We trust the above information has served to further this effort. Any questions about our section of the HCFA report or the information may be directed to Lynda Longhofer, Marketing Department, (209) 582-9000, Ext. 3121.

Sincerely yours,

Charles S Ricks

Charles S. Ricks
President

dm

## HARBOR VIEW MEDICAL CTR

120 ELM STREET
SAN DIEGO, CA 92101

Medicare Hospital Provider Number: 050607

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 293 | 9 | 7 - 14 | 324 | 9 | 8 - 15 |
| Cancer | 6 | 50 | 10 - 77 | 7 | 43 | 11 - 75 |
| Cerebrovascular Accidents | 14 | 29 | 12 - 58 | 7 | 14 | 8 - 65 |
| Gastrointestinal Catastrophes | 3 | 67 | 2 - 86 | 3 | 67 | 9 - 90 |
| Infectious Disease | 2 | 0 | 0 - 95 | 1 | 0 | 0 - 97 |
| Metabolic/Electrolyte Disorders | 8 | 25 | 3 - 66 | 16 | 13 | 4 - 46 |
| Pulmonary Disease | 18 | 17 | 13 - 50 | 26 | 19 | 11 - 44 |
| Renal Failure | 3 | 33 | 4 - 87 | 1 | 0 | 3 - 99 |
| Severe Acute Heart Disease | 4 | 50 | 9 - 84 | 11 | 27 | 15 - 66 |
| Severe Chronic Heart Disease | 10 | 20 | 7 - 59 | 11 | 36 | 8 - 62 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 20 | 5 | 0 - 65 | 15 | 0 | 0 - 46 |
| Gynecologic Disease | 0 | - | - | 1 | 0 | 0 -100 |
| Low-Risk Heart Disease | 27 | 7 | 0 - 73 | 32 | 0 | 0 - 19 |
| Musculoskeletal/Skin Conditions | 36 | 0 | 0 - 45 | 33 | 3 | 0 - 30 |
| Neuropsychiatric/Sensory Disease | 7 | 0 | 0 -100 | 16 | 0 | 0 - 99 |
| Urologic Disease | 37 | 0 | 0 - 51 | 31 | 3 | 0 - 99 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

| | |
|---|---|
| Total Beds (#): | 176 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 87 |
| Licensed Practical Nurses: | 25 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Harbor View Medical Center

October 18, 1988

Medicare Provider #05 06 07

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

In response to the mortality data released to our Hospital in your September 15, 1988, correspondence, it should be noted that on an ongong basis, the Medical Staff has always reviewed every mortality case in our facility for appropriateness of care as a part of the Hospital's Quality Assurance program. I would also like to address the following issues.

CORRECTION:

-The first case listed in the diagnostic category: Cerebrovascular Accidents was also included in our 1986 mortality data.

COMMENTS:

-Fourteen of the twenty-four inhouse deaths were transfers from facilities that provide a lower level of care after the clients become critically ill.

-Thirteen of the inhouse deaths were expected because of the nature of their illnesses.

-With the exception of five cases, all deaths were of age seventy years or greater, the average age of death being seventy-six years.

-Our mortality rate is only two percent greater than the lowest predicted range. If the mortality rate had been figured using total Medicare discharges, our mortality rate would have been one percent below the lowest predicted range.

120 ELM STREET • SAN DIEGO, CALIFORNIA 92101 • (619) 232-4331

The Medical Staff of Harbor View Medical Center, as has been its practice, shall continue to review all mortality cases for quality and appropriateness of care rendered to the individual patient. Trending analysis from these reviews is a constant endeavor to assist in identifying opportunities to improve care.

Thank you for the opportunity to express our comments and have them included as a part of the information that shall be released with the mortality data regarding our Hospital.

Sincerely,

Margareta Norton
Executive Director

/jt

## HAROLD D CHOPE COMM HOSP

222 W 39TH AVE
SAN MATEO, CA 94403

Medicare Hospital Provider Number: 050113

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 433 | 10 | 6 - 13 | 443 | 12 | 5 - 12 |
| Cancer | 18 | 39 | 19 - 63 | 13 | 54 | 19 - 70 |
| Cerebrovascular Accidents | 16 | 19 | 9 - 49 | 15 | 33 | 9 - 55 |
| Gastrointestinal Catastrophes | 8 | 25 | 8 - 67 | 2 | 0 | 0 - 95 |
| Infectious Disease | 5 | 20 | 5 - 74 | 2 | 100 | 2 - 89 |
| Metabolic/Electrolyte Disorders | 6 | 17 | 2 - 70 | 10 | 20 | 3 - 60 |
| Pulmonary Disease | 17 | 35 | 7 - 53 | 20 | 20 | 7 - 45 |
| Renal Failure | 1 | 0 | 3 - 98 | 4 | 25 | 2 - 83 |
| Severe Acute Heart Disease | 15 | 60 | 20 - 67 | 10 | 60 | 14 - 70 |
| Severe Chronic Heart Disease | 21 | 19 | 6 - 43 | 13 | 0 | 9 - 37 |
| Severe Trauma | 1 | 0 | 0 - 98 | 0 | - | - |
| Gastrointestinal Disease | 11 | 0 | 0 -100 | 14 | 14 | 0 - 92 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 29 | 3 | 0 - 38 | 15 | 7 | 0 - 86 |
| Musculoskeletal/Skin Conditions | 17 | 0 | 0 - 85 | 34 | 9 | 0 - 96 |
| Neuropsychiatric/Sensory Disease | 153 | 1 | 0 - 12 | 155 | 1 | 0 - 13 |
| Urologic Disease | 12 | 0 | 0 -100 | 7 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 240 |
| Occupancy Rate (%): | 81 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 116 |
| Percent of Physicians Who Are Board Certified Specialists: | 67 |
| Interns and Residents: | 0 |
| Registered Nurses: | 129 |
| Licensed Practical Nurses: | 30 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Department of Health Services**
**Harold D. Chope Community Hospital**

BOARD OF SUPERVISORS
ANNA G. ESHOO
MARY GRIFFIN
TOM HUENING
TOM NOLAN
WILLIAM J. SCHUMACHER

**COUNTY OF SAN MATEO**

MARGARET TAYLOR
DIRECTOR OF HEALTH SERVICES

222 WEST 39TH AVENUE • SAN MATEO • CALIFORNIA 94403 TELEPHONE (415) 573-2222

October 18, 1988

Medicare Provider #050113

To Whom It may Concern:

On behalf of the Harold D. Chope Community Hospital, I am submitting the following comments regarding the HFCA release of mortality rate data for the 1986 and 1987 calendar years.

Chope Hospital is a moderately-sized facility that treats relatively few Medicare patients, therefore, it is not possible to draw meaningful conclusions from the HCFA mortality statistics.

We are pleased that our overall mortality rate is in the range of predicted mortality rates. All mortality cases at Chope Hospital are carefully reviewed by the medical staff and we have not found excess mortality. The HCFA statistics tend to support our position.

Our only "specialized service" listed in the "Hospital Characteristics" portion of the HCFA report is our Special Care Unit, which includes coronary care as well as shock/trauma.

The remaining "Hospital Characteristics" data listed in the HCFA report contains some inaccuracies at the time of this comment and we are sending corrections under separate cover.

If you or anyone receiving this material have additional questions, please do no hesitate to write or call me at (415) 573-3450.

Sincerely,

Lola Thompson

Lola Thompson, Acting Director of
Hospitals and Clinics

PA:mf

# HAWTHORNE HOSPITAL

13300 S HAWTHORNE BLVD
HAWTHORNE, CA 90250

Medicare Hospital Provider Number: 050310

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 258 | 10 | 8 - 16 | 268 | 13 | 9 - 18 |
| Cancer | 10 | 60 | 24 - 79 | 9 | 44 | 22 - 80 |
| Cerebrovascular Accidents | 5 | 20 | 9 - 76 | 7 | 29 | 4 - 68 |
| Gastrointestinal Catastrophes | 3 | 33 | 4 - 86 | 3 | 67 | 3 - 86 |
| Infectious Disease | 3 | 67 | 7 - 88 | 3 | 67 | 9 - 89 |
| Metabolic/Electrolyte Disorders | 3 | 0 | 0 - 96 | 8 | 50 | 6 - 69 |
| Pulmonary Disease | 16 | 31 | 11 - 56 | 18 | 11 | 13 - 47 |
| Renal Failure | 0 | - | - | 2 | 0 | 6 - 91 |
| Severe Acute Heart Disease | 6 | 50 | 11 - 78 | 8 | 25 | 14 - 71 |
| Severe Chronic Heart Disease | 12 | 17 | 12 - 57 | 12 | 17 | 6 - 52 |
| Severe Trauma | 1 | 0 | 0 - 99 | 0 | - | - |
| Gastrointestinal Disease | 18 | 0 | 0 - 90 | 27 | 7 | 0 - 71 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 38 | 0 | 1 - 14 | 22 | 5 | 0 - 42 |
| Musculoskeletal/Skin Conditions | 22 | 0 | 0 - 84 | 23 | 0 | 0 - 83 |
| Neuropsychiatric/Sensory Disease | 10 | 10 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 4 | 0 | 0 - 96 | 10 | 10 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 73 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## HAYWARD VESPER HOSPITAL

22455 MAPLE COURT
HAYWARD, CA 94541

Medicare Hospital Provider Number: 050395

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 357 | 13 | 8 - 16 | 440 | 12 | 7 - 15 |
| Cancer | 9 | 22 | 12 - 66 | 11 | 64 | 14 - 68 |
| Cerebrovascular Accidents | 19 | 32 | 10 - 51 | 17 | 6 | 11 - 41 |
| Gastrointestinal Catastrophes | 3 | 67 | 3 - 86 | 3 | 0 | 4 - 79 |
| Infectious Disease | 3 | 33 | 5 - 86 | 4 | 50 | 1 - 87 |
| Metabolic/Electrolyte Disorders | 9 | 44 | 4 - 67 | 4 | 25 | 1 - 84 |
| Pulmonary Disease | 28 | 36 | 12 - 48 | 28 | 25 | 10 - 44 |
| Renal Failure | 2 | 50 | 5 - 94 | 3 | 67 | 9 - 92 |
| Severe Acute Heart Disease | 8 | 38 | 15 - 75 | 14 | 43 | 20 - 68 |
| Severe Chronic Heart Disease | 23 | 17 | 10 - 43 | 28 | 32 | 9 - 45 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 28 | 4 | 1 - 27 | 19 | 0 | 0 - 67 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 48 | 6 | 0 - 28 | 57 | 4 | 0 - 18 |
| Musculoskeletal/Skin Conditions | 41 | 5 | 0 - 68 | 79 | 3 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Urologic Disease | 11 | 0 | 0 -100 | 11 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 112
Occupancy Rate (%): 40
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 195
Percent of Physicians Who Are Board Certified Specialists: 74
Interns and Residents: 2
Registered Nurses: 22
Licensed Practical Nurses: 14

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## HAZEL HAWKINS MEMORIAL HOSP

911 SUNSET DRIVE
HOLLISTER, CA 95023

Medicare Hospital Provider Number: 050296

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 338 | 14 | 9 - 17 | 320 | 14 | 10 - 18 |
| Cancer | 9 | 44 | 12 - 70 | 13 | 54 | 17 - 68 |
| Cerebrovascular Accidents | 15 | 20 | 10 - 52 | 22 | 45 | 12 - 52 |
| Gastrointestinal Catastrophes | 4 | 0 | 2 - 73 | 2 | 50 | 0 - 95 |
| Infectious Disease | 6 | 67 | 9 - 76 | 11 | 18 | 12 - 61 |
| Metabolic/Electrolyte Disorders | 11 | 45 | 7 - 64 | 1 | 0 | 0 -100 |
| Pulmonary Disease | 34 | 29 | 10 - 43 | 21 | 5 | 12 - 39 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 16 | 50 | 14 - 61 | 15 | 53 | 19 - 67 |
| Severe Chronic Heart Disease | 18 | 22 | 7 - 47 | 15 | 0 | 9 - 34 |
| Severe Trauma | 0 | - | - | 1 | 0 | 2 - 98 |
| Gastrointestinal Disease | 22 | 0 | 0 - 63 | 23 | 0 | 1 - 25 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 40 | 2 | 1 - 20 | 34 | 0 | 1 - 17 |
| Musculoskeletal/Skin Conditions | 25 | 4 | 0 - 59 | 28 | 4 | 0 - 38 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 - 99 | 6 | 17 | 0 -100 |
| Urologic Disease | 11 | 0 | 0 -100 | 13 | 0 | 0 - 64 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 101 |
| Occupancy Rate (%): | 66 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 27 |
| Percent of Physicians Who Are Board Certified Specialists: | 56 |
| Interns and Residents: | 0 |
| Registered Nurses: | 34 |
| Licensed Practical Nurses: | 13 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## HEALDSBURG GEN HOSP

1375 UNIVERSITY AVE
HEALDSBURG, CA 95448

Medicare Hospital Provider Number: 050331

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 551 | 13 | 10 - 17 | 581 | 12 | 10 - 17 |
| Cancer | 13 | 46 | 13 - 64 | 12 | 67 | 16 - 67 |
| Cerebrovascular Accidents | 28 | 29 | 15 - 49 | 28 | 32 | 15 - 50 |
| Gastrointestinal Catastrophes | 3 | 67 | 6 - 87 | 7 | 43 | 14 - 78 |
| Infectious Disease | 10 | 30 | 9 - 64 | 10 | 20 | 14 - 66 |
| Metabolic/Electrolyte Disorders | 14 | 0 | 8 - 39 | 20 | 35 | 12 - 55 |
| Pulmonary Disease | 32 | 22 | 17 - 47 | 51 | 14 | 15 - 38 |
| Renal Failure | 2 | 0 | 10 - 94 | 0 | - | - |
| Severe Acute Heart Disease | 24 | 33 | 23 - 60 | 16 | 25 | 21 - 64 |
| Severe Chronic Heart Disease | 25 | 16 | 12 - 43 | 25 | 28 | 9 - 45 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 -100 |
| Gastrointestinal Disease | 47 | 6 | 0 - 33 | 47 | 4 | 1 - 20 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 62 | 2 | 1 - 12 | 58 | 0 | 2 - 9 |
| Musculoskeletal/Skin Conditions | 44 | 2 | 0 - 31 | 53 | 2 | 0 - 25 |
| Neuropsychiatric/Sensory Disease | 10 | 20 | 0 - 99 | 14 | 0 | 0 - 98 |
| Urologic Disease | 13 | 0 | 0 -100 | 13 | 8 | 0 - 99 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 49 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

Healdsburg General Hospital
1375 University Street, Healdsburg, California 95448

October 20, 1988

Health and Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The data release on hospital mortality rates for calendar year 1987 has been reviewed by the hospital.

Healdsburg General Hospital is a 49 bed acute care facility.

Healdsburg General Hospital's actual mortality rate was 13% for all cases. This places Healdsburg well within the range predicted for mortality. Also, in all the other categories listed, the percentages fall within the predicted ranges. In the categories with only a small number of total cases, one or two deaths can place a hospital in higher end of the predicted range.

All deaths occurring in the hospital are reviewed by the Special Care/Medicine Committee which meets monthly.

Thank you for allowing the opportunity to review the data and respond prior to release.

Sincerely,

Duane Kenward

Duane Kenward
Chief Executive Officer

## HEMET VALLEY HOSPITAL

1116 EAST LATHAM AVENUE
HEMET, CA 92343

Medicare Hospital Provider Number: 050390

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 4,925 | 12 | 10 - 14 | 4,823 | 14 | 10 - 14 |
| Cancer | 118 | 32 | 30 - 51 | 139 | 53 | 33 - 54 |
| Cerebrovascular Accidents | 182 | 24 | 19 - 34 | 175 | 37 | 19 - 35 |
| Gastrointestinal Catastrophes | 64 | 31 | 22 - 51 | 48 | 29 | 19 - 50 |
| Infectious Disease | 45 | 36 | 20 - 52 | 67 | 39 | 25 - 53 |
| Metabolic/Electrolyte Disorders | 85 | 38 | 20 - 46 | 121 | 25 | 16 - 40 |
| Pulmonary Disease | 255 | 27 | 20 - 35 | 280 | 30 | 19 - 34 |
| Renal Failure | 21 | 48 | 22 - 75 | 21 | 24 | 19 - 72 |
| Severe Acute Heart Disease | 230 | 37 | 31 - 47 | 246 | 47 | 32 - 48 |
| Severe Chronic Heart Disease | 223 | 26 | 17 - 31 | 206 | 23 | 17 - 31 |
| Severe Trauma | 3 | 0 | 2 - 81 | 6 | 33 | 8 - 75 |
| Gastrointestinal Disease | 313 | 4 | 1 - 7 | 316 | 4 | 2 - 7 |
| Gynecologic Disease | 64 | 2 | 0 -100 | 62 | 2 | 0 -100 |
| Low-Risk Heart Disease | 834 | 4 | 2 - 5 | 771 | 3 | 2 - 5 |
| Musculoskeletal/Skin Conditions | 439 | 1 | 1 - 5 | 431 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 236 | 2 | 0 - 7 | 150 | 3 | 0 - 13 |
| Urologic Disease | 275 | 1 | 1 - 6 | 256 | 2 | 1 - 6 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 345 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 133 |
| Percent of Physicians Who Are Board Certified Specialists: | 54 |
| Interns and Residents: | 0 |
| Registered Nurses: | 208 |
| Licensed Practical Nurses: | 101 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## HENRY MAYO NEWHALL MEMORIAL HOSP

23845 W MCBEAN PKWY
VALENCIA, CA 91355

Medicare Hospital Provider Number: 050624

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 936 | 13 | 10 - 15 | 982 | 11 | 9 - 14 |
| Cancer | 35 | 49 | 24 - 59 | 30 | 43 | 27 - 63 |
| Cerebrovascular Accidents | 32 | 41 | 14 - 48 | 41 | 27 | 13 - 41 |
| Gastrointestinal Catastrophes | 11 | 36 | 16 - 70 | 7 | 29 | 5 - 70 |
| Infectious Disease | 14 | 29 | 17 - 64 | 10 | 50 | 15 - 72 |
| Metabolic/Electrolyte Disorders | 7 | 43 | 4 - 71 | 15 | 20 | 8 - 53 |
| Pulmonary Disease | 59 | 8 | 15 - 34 | 40 | 15 | 15 - 40 |
| Renal Failure | 2 | 50 | 3 - 93 | 5 | 40 | 10 - 85 |
| Severe Acute Heart Disease | 49 | 37 | 25 - 53 | 33 | 48 | 22 - 56 |
| Severe Chronic Heart Disease | 46 | 20 | 12 - 36 | 53 | 19 | 13 - 36 |
| Severe Trauma | 2 | 100 | 2 - 89 | 4 | 75 | 8 - 82 |
| Gastrointestinal Disease | 68 | 3 | 1 - 15 | 76 | 4 | 1 - 14 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 124 | 2 | 1 - 9 | 143 | 6 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 100 | 4 | 0 - 17 | 100 | 4 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 17 | 0 | 0 - 81 | 15 | 0 | 0 - 79 |
| Urologic Disease | 40 | 2 | 0 - 79 | 32 | 3 | 0 - 68 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 133 |
| Occupancy Rate (%): | 71 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 118 |
| Percent of Physicians Who Are Board Certified Specialists: | 60 |
| Interns and Residents: | 0 |
| Registered Nurses: | 134 |
| Licensed Practical Nurses: | 45 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

. . . *Committed to your good health*

**Henry Mayo Newhall Memorial Hospital**
23845 West McBean Parkway Valencia California 91355 Telephone (805) 253-8000

Provider # 050624

## 1986 and 1987 MEDICARE MORTALITY DATA

Henry Mayo Newhall Memorial Hospital (HMNMH) is a 133-bed non-profit community hospital located in the Santa Clarita Valley. The population served by the hospital includes young families as well as people 65 years and older, eligible for Medicare. 26% of the adult admissions to the hospital are Medicare patients.

According to the information from the Health Care Financing Administration (HCFA), the 11% mortality rate for HMNMH's 1986 Medicare patients is well within the 9 to 14% range of predicted mortality rates for our hospital, and the 13% mortality rate for HMNMH's 1987 Medicare patients is also well within the 10 to 15% range of predicted mortality rates for our hospital.

HMNMH's actual mortality rates for all the diagnostic categories specified by HCFA were also within the ranges of predicted mortality rates for each category for 1986 and 1987, with the exception of Pulmonary Disease in which our mortality rate of 8% for 1987 is actually lower than the predicted range of 15 to 34% for that year and Severe Trauma in which our mortality rate of 100% for 1987 is higher than the predicted range of 2 to 89%. However, it must be pointed out that this 100% rate resulted from the death of two patients out of a total population of two patients.

Both patients were admitted through the hospital's Emergency Department (E.D.), one from home and the other from a doctor's office. Both patients had altered level of consciousness upon admission to the E.D. and were immediately assessed.

The two patients were seen by a neurosurgeon and taken for emergency surgery within hours of arrival to the E.D. They had procedures to evacuate their subdural hematomas, accumulations of blood under the membrane of the brain. The patients did not improve and subsequently expired.

The Medical Staff Death and Complications Committee reviews every death in the facility on an ongoing basis. This ongoing review provides us with a feedback mechanism which allows for continued provision of high quality care. This Committee will continue to review every death and the data produced by HCFA.

HMNMH has taken the following steps based on the review of data for 1986 and 1987 by the hospital administrators, Chief of the Medical Staff, the Quality Assurance, Utilization Management, and Death and Complications Committees of the Medical Staff, the Director of Patient and Quality Assurance Services Department, and the Director of Medical Records:

*The two cases falling in the category Severe Trauma were specifically reviewed by the Medical Staff's Trauma Committee.

*Significant findings of the HCFA data and evaluation by the medical staff committees have been distributed to the members of the medical staff.

*The physicians, nurses, and representatives of hospital administration, working with all the medical and hospital committees, will continue to focus on ways to provide high quality care in an efficient manner.

The HCFA data has confirmed the excellence of care provided at HMNMH, as the overall mortality rate of 11% for 1986 and 13% for 1987 for Medicare patients at the hospital is well within the predicted range of 9 to 14% and 10 to 15%.

Being a community-oriented facility, our aim is to continue to deliver the highest standard of care possible. We appreciate our community's support and always welcome comments and requests for further information.

db2165
1088

## HI-DESERT MEDICAL CENTER

6601 WHITEFEATHER ROAD
JOSHUA TREE, CA 92252

Medicare Hospital Provider Number: 050279

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,129 | 13 | 10 - 15 | 1,064 | 15 | 11 - 16 |
| Cancer | 18 | 61 | 18 - 62 | 16 | 75 | 17 - 61 |
| Cerebrovascular Accidents | 69 | 30 | 18 - 41 | 58 | 33 | 16 - 41 |
| Gastrointestinal Catastrophes | 12 | 42 | 7 - 62 | 14 | 64 | 17 - 66 |
| Infectious Disease | 15 | 40 | 20 - 68 | 10 | 50 | 16 - 73 |
| Metabolic/Electrolyte Disorders | 21 | 38 | 10 - 53 | 23 | 26 | 14 - 53 |
| Pulmonary Disease | 108 | 17 | 16 - 33 | 117 | 29 | 16 - 36 |
| Renal Failure | 4 | 50 | 10 - 88 | 0 | - | - |
| Severe Acute Heart Disease | 29 | 59 | 18 - 54 | 40 | 55 | 26 - 57 |
| Severe Chronic Heart Disease | 89 | 18 | 15 - 32 | 86 | 20 | 14 - 33 |
| Severe Trauma | 0 | - | - | 3 | 33 | 6 - 88 |
| Gastrointestinal Disease | 65 | 3 | 0 - 22 | 71 | 0 | 1 - 8 |
| Gynecologic Disease | 10 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 157 | 4 | 1 - 9 | 154 | 5 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 98 | 3 | 1 - 12 | 90 | 6 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 10 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Urologic Disease | 36 | 0 | 0 - 32 | 29 | 0 | 0 - 44 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

| | |
|---|---|
| Total Beds (#): | 56 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 32 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**HI-DESERT MEDICAL CENTER**

Provider Number: 050279

October 19, 1988

RE: Health Care Financing Administration (HCFA) Mortality Statistics
January 1 through December 31, 1987

To Whom It May Concern:

Thank you for this opportunity to respond to the HCFA Mortality Data Release.

Since receiving the report in September, we at Hi-Desert Medical Center (HDMC), have had an opportunity to review the data:

> The Medical Records Department has validated that with minor exceptions, HCFA's data is an accurate reflection of statistics at our facility.

Based on our comprehensive review of HCFA's date and the specific Medical Records which it reflects, you and any member of the public who request a copy of our statistical information will be interested in the following findings:

> HDMC is a 56 bed Acute Care District Hospital. The hospital features an Intensive Care/ Critical Care Unit; comprehensive surgical facilities, including outpatient surgery; complete physical therapy and cardio-pulmonary departments; radiological and nuclear medicine services and a modern full service laboratory.

Approximately 72% of our total admissions are Medicare patients. Additionally, the following points also factor in our mortality rates:

1. Our desert community is primarily comprised of retired persons, many whom have come to the area for health related reasons.
2. A lower cost of living in the Morongo Basin results in an influx of less affluent elderly, who often do not adequately care for themselves or seek timely medical treatment.
3. There are two extended care facilities (ECF's) and three 'Board & Care' facilities in the area (approximately 358 bed capacity) which consistently operate at a 95%+ occupancy.

6601 WHITE FEATHER ROAD / JOSHUA TREE, CA 92252 619 / 366-3711
**Hi-Desert Memorial Hospital District**

In reviewing the statistics, it is noted that Hi-Desert Medical Center's over-all mortality rate is in the mid-range of the predicted mortality rate for our hospital.

HDMC has an excellent Quality Assurance, Risk Management, and Utilization Review program. On an on-going basis, the quality assurance coordinator reviews all death charts, using criteria approved by the medical staff. If the chart fails to meet this criteria, the chart is then reviewed by a quality assurance physician, and appropriate action is taken if necessary. On a concurrent basis, the utilization review department reviews every admission within 24 working hours of admission and on a daily basis thereafter, using nationally recognized quality criteria, to insure that the admission was necessary and that treatment is appropriate and timely. When a chart does not meet this criteria, it is promptly referred to a quality assurance physician for further review and appropriate action. This information is then appropriately shared with the Quality Assurance Committee (comprised of physicians, administration, and nurses) on a monthly basis to assure the quality of individual care.

Again, thank you for the opportunity to present this response. If you or anyone receiving this material have additional questions, please do not hesitate to call.

Sincerely,

Joann O'Boyle

Joann O'Boyle
Administrator

Gupta

Dr. Madhushdhan Gupta
Chief of Staff

Dr. Eldene Smith
Quality Assurance Chairman

## HIGHLAND GEN HOSP

1411 E 31ST ST
OAKLAND, CA 94602

Medicare Hospital Provider Number: 050320

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 470 | 16 | 8 - 15 | 494 | 17 | 8 - 16 |
| Cancer | 18 | 28 | 18 - 60 | 13 | 54 | 20 - 71 |
| Cerebrovascular Accidents | 20 | 35 | 11 - 52 | 26 | 31 | 9 - 45 |
| Gastrointestinal Catastrophes | 5 | 40 | 2 - 78 | 10 | 50 | 5 - 65 |
| Infectious Disease | 11 | 73 | 13 - 65 | 4 | 50 | 1 - 85 |
| Metabolic/Electrolyte Disorders | 8 | 13 | 2 - 63 | 12 | 25 | 4 - 57 |
| Pulmonary Disease | 26 | 27 | 7 - 44 | 23 | 35 | 8 - 48 |
| Renal Failure | 5 | 40 | 9 - 83 | 3 | 0 | 6 - 83 |
| Severe Acute Heart Disease | 15 | 67 | 17 - 63 | 22 | 82 | 24 - 58 |
| Severe Chronic Heart Disease | 19 | 16 | 8 - 44 | 33 | 27 | 11 - 43 |
| Severe Trauma | 8 | 75 | 4 - 66 | 4 | 75 | 2 - 81 |
| Gastrointestinal Disease | 22 | 0 | 0 - 54 | 21 | 0 | 0 - 70 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 20 | 15 | 0 - 78 | 30 | 0 | 0 - 30 |
| Musculoskeletal/Skin Conditions | 62 | 3 | 0 - 28 | 46 | 2 | 0 - 36 |
| Neuropsychiatric/Sensory Disease | 23 | 0 | 0 - 46 | 27 | 4 | 0 - 50 |
| Urologic Disease | 9 | 0 | 0 -100 | 9 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 244 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## HILLSIDE HOSPITAL

1940 EL CAJON BLVD
SAN DIEGO, CA 92104

Medicare Hospital Provider Number: 050220

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 757 | 13 | 8 - 14 | 916 | 15 | 9 - 14 |
| Cancer | 21 | 48 | 25 - 67 | 24 | 50 | 21 - 62 |
| Cerebrovascular Accidents | 16 | 19 | 10 - 50 | 26 | 27 | 10 - 45 |
| Gastrointestinal Catastrophes | 1 | 0 | 0 - 98 | 2 | 50 | 5 - 93 |
| Infectious Disease | 7 | 14 | 11 - 68 | 9 | 56 | 10 - 70 |
| Metabolic/Electrolyte Disorders | 20 | 15 | 6 - 45 | 24 | 17 | 8 - 44 |
| Pulmonary Disease | 34 | 47 | 12 - 47 | 32 | 31 | 10 - 43 |
| Renal Failure | 3 | 0 | 5 - 81 | 5 | 20 | 10 - 82 |
| Severe Acute Heart Disease | 18 | 56 | 21 - 65 | 24 | 46 | 21 - 60 |
| Severe Chronic Heart Disease | 46 | 28 | 13 - 40 | 74 | 24 | 14 - 35 |
| Severe Trauma | 2 | 50 | 1 - 94 | 1 | 0 | 1 - 97 |
| Gastrointestinal Disease | 44 | 5 | 0 - 27 | 54 | 2 | 1 - 15 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 91 | 4 | 1 - 12 | 76 | 7 | 1 - 18 |
| Musculoskeletal/Skin Conditions | 93 | 2 | 0 - 11 | 114 | 2 | 0 - 11 |
| Neuropsychiatric/Sensory Disease | 22 | 5 | 0 - 82 | 26 | 8 | 0 - 49 |
| Urologic Disease | 26 | 4 | 0 - 79 | 18 | 0 | 0 - 98 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 133 |
| Occupancy Rate (%): | 46 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 249 |
| Percent of Physicians Who Are Board Certified Specialists: | 47 |
| Interns and Residents: | 2 |
| Registered Nurses: | 69 |
| Licensed Practical Nurses: | 15 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## HOAG MEMORIAL HOSP PRESBYTERIAN

301 NEWPORT BLVD
NEWPORT BEACH, CA 92663

Medicare Hospital Provider Number: 050224

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,413 | 11 | 11 - 15 | 3,097 | 11 | 11 - 15 |
| Cancer | 163 | 37 | 33 - 53 | 149 | 35 | 35 - 56 |
| Cerebrovascular Accidents | 144 | 25 | 20 - 37 | 122 | 18 | 20 - 36 |
| Gastrointestinal Catastrophes | 45 | 38 | 23 - 56 | 31 | 26 | 22 - 57 |
| Infectious Disease | 39 | 36 | 26 - 59 | 27 | 41 | 19 - 58 |
| Metabolic/Electrolyte Disorders | 44 | 32 | 21 - 53 | 34 | 35 | 16 - 51 |
| Pulmonary Disease | 172 | 29 | 20 - 37 | 144 | 20 | 18 - 35 |
| Renal Failure | 7 | 29 | 14 - 81 | 4 | 50 | 8 - 87 |
| Severe Acute Heart Disease | 102 | 32 | 28 - 49 | 90 | 36 | 29 - 50 |
| Severe Chronic Heart Disease | 132 | 27 | 18 - 35 | 139 | 21 | 15 - 31 |
| Severe Trauma | 9 | 11 | 12 - 62 | 4 | 0 | 9 - 74 |
| Gastrointestinal Disease | 239 | 2 | 2 - 7 | 210 | 4 | 2 - 8 |
| Gynecologic Disease | 56 | 0 | 0 -100 | 56 | 0 | 0 -100 |
| Low-Risk Heart Disease | 383 | 2 | 2 - 6 | 293 | 4 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 369 | 3 | 1 - 6 | 359 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 203 | 2 | 1 - 8 | 185 | 4 | 1 - 9 |
| Urologic Disease | 158 | 1 | 1 - 6 | 146 | 1 | 0 - 9 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 375 |
| Occupancy Rate (%): | 75 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 393 |
| Percent of Physicians Who Are Board Certified Specialists: | 80 |
| Interns and Residents: | 0 |
| Registered Nurses: | 546 |
| Licensed Practical Nurses: | 23 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## HOLLYWOOD COMMUNITY HOSPITAL

6245 DELONGPRE AVE
HOLLYWOOD, CA 90028

Medicare Hospital Provider Number: 050135

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 455 | 17 | 11 - 19 | 466 | 16 | 12 - 19 |
| Cancer | 10 | 30 | 12 - 67 | 12 | 50 | 19 - 71 |
| Cerebrovascular Accidents | 14 | 43 | 9 - 58 | 15 | 40 | 8 - 56 |
| Gastrointestinal Catastrophes | 4 | 25 | 4 - 80 | 3 | 33 | 4 - 86 |
| Infectious Disease | 12 | 33 | 16 - 67 | 6 | 0 | 18 - 68 |
| Metabolic/Electrolyte Disorders | 13 | 15 | 8 - 53 | 15 | 7 | 13 - 49 |
| Pulmonary Disease | 40 | 42 | 22 - 53 | 44 | 39 | 20 - 50 |
| Renal Failure | 3 | 33 | 8 - 91 | 8 | 75 | 21 - 86 |
| Severe Acute Heart Disease | 9 | 33 | 14 - 70 | 11 | 55 | 18 - 72 |
| Severe Chronic Heart Disease | 23 | 17 | 12 - 45 | 12 | 25 | 7 - 57 |
| Severe Trauma | 1 | 0 | 0 - 97 | 0 | - | - |
| Gastrointestinal Disease | 30 | 3 | 0 - 33 | 39 | 8 | 0 - 42 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 7 | 0 | 0 - 90 |
| Low-Risk Heart Disease | 31 | 0 | 1 - 18 | 34 | 0 | 1 - 16 |
| Musculoskeletal/Skin Conditions | 41 | 2 | 1 - 19 | 33 | 3 | 0 - 30 |
| Neuropsychiatric/Sensory Disease | 12 | 8 | 0 -100 | 9 | 0 | 0 - 82 |
| Urologic Disease | 16 | 0 | 0 - 98 | 18 | 0 | 0 - 55 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 99
Occupancy Rate (%): 46
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 95
Percent of Physicians Who Are Board Certified Specialists: 59
Interns and Residents: 0
Registered Nurses: 78
Licensed Practical Nurses: 6

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## HOLLYWOOD PRESBYTERIAN MEDICAL CENTE

1300 N VERMONT AVE
LOS ANGELES, CA 90028

Medicare Hospital Provider Number: 050063

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,816 | 14 | 11 - 16 | 1,930 | 15 | 12 - 17 |
| Cancer | 48 | 46 | 27 - 57 | 55 | 40 | 30 - 58 |
| Cerebrovascular Accidents | 62 | 32 | 17 - 41 | 78 | 47 | 17 - 40 |
| Gastrointestinal Catastrophes | 25 | 40 | 14 - 55 | 18 | 39 | 15 - 61 |
| Infectious Disease | 44 | 43 | 22 - 54 | 48 | 25 | 26 - 55 |
| Metabolic/Electrolyte Disorders | 29 | 24 | 8 - 44 | 45 | 20 | 12 - 41 |
| Pulmonary Disease | 128 | 27 | 21 - 40 | 105 | 26 | 19 - 39 |
| Renal Failure | 5 | 40 | 8 - 83 | 9 | 44 | 12 - 77 |
| Severe Acute Heart Disease | 83 | 48 | 33 - 56 | 113 | 56 | 31 - 52 |
| Severe Chronic Heart Disease | 97 | 18 | 16 - 33 | 90 | 16 | 17 - 34 |
| Severe Trauma | 8 | 13 | 9 - 63 | 16 | 31 | 10 - 58 |
| Gastrointestinal Disease | 109 | 5 | 1 - 12 | 113 | 3 | 2 - 10 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 254 | 2 | 2 - 7 | 215 | 4 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 201 | 2 | 1 - 7 | 217 | 2 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 50 | 4 | 0 - 27 | 64 | 0 | 0 - 12 |
| Urologic Disease | 61 | 0 | 1 - 9 | 62 | 2 | 0 - 17 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 332 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 194 |
| Percent of Physicians Who Are Board Certified Specialists: | 67 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## HOLLYWOOD WEST HOSP

1233 N LA BREA AVE
LOS ANGELES, CA 90036

Medicare Hospital Provider Number: 050383

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 177 | 18 | 12 - 24 | 226 | 27 | 13 - 25 |
| Cancer | 2 | 0 | 4 - 88 | 9 | 56 | 19 - 77 |
| Cerebrovascular Accidents | 3 | 67 | 2 - 86 | 4 | 25 | 6 - 80 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 0 | 0 - 99 |
| Infectious Disease | 9 | 22 | 16 - 70 | 14 | 50 | 18 - 68 |
| Metabolic/Electrolyte Disorders | 7 | 14 | 5 - 65 | 9 | 56 | 6 - 67 |
| Pulmonary Disease | 28 | 32 | 17 - 52 | 33 | 55 | 14 - 49 |
| Renal Failure | 3 | 100 | 12 - 87 | 5 | 40 | 13 - 88 |
| Severe Acute Heart Disease | 2 | 100 | 4 - 88 | 6 | 50 | 19 - 86 |
| Severe Chronic Heart Disease | 7 | 29 | 6 - 69 | 6 | 33 | 4 - 73 |
| Severe Trauma | 1 | 0 | 0 -100 | 0 | - | - |
| Gastrointestinal Disease | 4 | 0 | 0 -100 | 24 | 8 | 0 - 48 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 17 | 0 | 0 - 43 | 16 | 0 | 0 - 85 |
| Musculoskeletal/Skin Conditions | 13 | 0 | 0 - 69 | 8 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 6 | 0 | 0 - 99 |
| Urologic Disease | 5 | 0 | 0 - 84 | 4 | 25 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 44 |
| Occupancy Rate (%): | 30 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 167 |
| Percent of Physicians Who Are Board Certified Specialists: | 54 |
| Interns and Residents: | 0 |
| Registered Nurses: | 17 |
| Licensed Practical Nurses: | 4 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## HOLY CROSS HOSP

15031 RINALDI ST
MISSION HILLS, CA 91345

Medicare Hospital Provider Number: 050278

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,795 | 14 | 11 - 16 | 1,408 | 14 | 12 - 17 |
| Cancer | 75 | 56 | 30 - 56 | 66 | 55 | 31 - 58 |
| Cerebrovascular Accidents | 69 | 29 | 19 - 41 | 54 | 19 | 19 - 42 |
| Gastrointestinal Catastrophes | 11 | 18 | 16 - 64 | 21 | 62 | 18 - 61 |
| Infectious Disease | 50 | 30 | 20 - 49 | 35 | 26 | 26 - 59 |
| Metabolic/Electrolyte Disorders | 24 | 17 | 10 - 46 | 35 | 17 | 8 - 39 |
| Pulmonary Disease | 125 | 33 | 18 - 38 | 82 | 27 | 17 - 39 |
| Renal Failure | 8 | 13 | 5 - 67 | 9 | 33 | 12 - 76 |
| Severe Acute Heart Disease | 59 | 31 | 28 - 53 | 48 | 35 | 24 - 52 |
| Severe Chronic Heart Disease | 90 | 24 | 16 - 35 | 74 | 11 | 16 - 33 |
| Severe Trauma | 2 | 50 | 3 - 92 | 4 | 50 | 1 - 86 |
| Gastrointestinal Disease | 104 | 4 | 1 - 11 | 89 | 2 | 1 - 10 |
| Gynecologic Disease | 23 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Low-Risk Heart Disease | 156 | 5 | 1 - 10 | 145 | 4 | 2 - 10 |
| Musculoskeletal/Skin Conditions | 183 | 2 | 1 - 7 | 148 | 3 | 1 - 9 |
| Neuropsychiatric/Sensory Disease | 29 | 3 | 0 - 44 | 27 | 4 | 0 - 64 |
| Urologic Disease | 79 | 3 | 0 - 18 | 52 | 0 | 0 - 31 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 311 |
| Occupancy Rate (%): | 77 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 175 |
| Percent of Physicians Who Are Board Certified Specialists: | 79 |
| Interns and Residents: | 0 |
| Registered Nurses: | 157 |
| Licensed Practical Nurses: | 41 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## HOSPITAL OF THE GOOD SAMARITAN

616 S WITMER ST
LOS ANGELES, CA 90017

Medicare Hospital Provider Number: 050471

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,447 | 12 | 11 - 15 | 3,395 | 10 | 11 - 15 |
| Cancer | 131 | 34 | 32 - 54 | 154 | 37 | 34 - 55 |
| Cerebrovascular Accidents | 128 | 25 | 19 - 36 | 125 | 25 | 20 - 37 |
| Gastrointestinal Catastrophes | 22 | 36 | 15 - 57 | 31 | 32 | 22 - 58 |
| Infectious Disease | 48 | 46 | 22 - 53 | 41 | 37 | 25 - 58 |
| Metabolic/Electrolyte Disorders | 40 | 15 | 15 - 43 | 60 | 18 | 14 - 41 |
| Pulmonary Disease | 153 | 25 | 20 - 38 | 131 | 25 | 20 - 38 |
| Renal Failure | 10 | 50 | 13 - 76 | 11 | 18 | 15 - 73 |
| Severe Acute Heart Disease | 113 | 32 | 29 - 49 | 117 | 34 | 31 - 50 |
| Severe Chronic Heart Disease | 175 | 22 | 17 - 32 | 179 | 20 | 19 - 33 |
| Severe Trauma | 5 | 20 | 6 - 75 | 4 | 25 | 13 - 86 |
| Gastrointestinal Disease | 176 | 5 | 2 - 9 | 195 | 3 | 1 - 7 |
| Gynecologic Disease | 25 | 0 | 0 - 94 | 27 | 0 | 0 - 84 |
| Low-Risk Heart Disease | 584 | 4 | 3 - 6 | 460 | 4 | 3 - 7 |
| Musculoskeletal/Skin Conditions | 337 | 2 | 2 - 6 | 368 | 2 | 2 - 5 |
| Neuropsychiatric/Sensory Disease | 126 | 6 | 0 - 16 | 119 | 1 | 1 - 7 |
| Urologic Disease | 113 | 4 | 0 - 13 | 124 | 2 | 0 - 9 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 318 |
| Occupancy Rate (%): | 73 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 226 |
| Percent of Physicians Who Are Board Certified Specialists: | 79 |
| Interns and Residents: | 7 |
| Registered Nurses: | 363 |
| Licensed Practical Nurses: | 7 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

EXECUTIVE OFFICES

THE HOSPITAL OF THE GOOD SAMARITAN
AN AFFILIATED HOSPITAL OF THE UNIVERSITY OF SOUTHERN CALIFORNIA
616 South Witmer Street, Los Angeles, California 90017-2395 • (213) 977-2253

October 20, 1988

Mrs. Sandra Kappert
Health Standards and Quality
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Please find enclosed the comments that The Hospital of the Good Samaritan would like published with the December release of the 1987 Medicare mortality data.

In addition, we would like to note that many of the hospital characteristics listed for Good Samaritan are incorrect pertaining to either 1986 or 1987. In the 1987 AHA Hospital Survey we reported the following:

| | |
|---|---|
| BEDS: | 411 licensed, 318 set up and staffed last day of reporting period |
| OCCUPANCY %: | Average Daily Census = 232; 73% based on staffed beds or 56% based on licensed beds |
| OWNERSHIP/CONTROL: | Private, Non-Profit |
| STAFFING: | 226 Active and Associate physicians on Medical Staff; 79% Board Certified; 7 full-time medical residents; 0 part-time medical residents; 349 full-time RNs; 26 part-time RNs; 7 full-time LPNs; 0 part-time LPNs |

| | |
|---|---|
| Shock/Trauma or Burn Unit: | NO |
| Coronary Care Unit: | YES |
| Organ Transplant Service: | NO |
| Hospice Care: | NO (incorrectly reported on survey) |

Thank you for making the appropriate corrections.

Sincerely,

John H. Westerman

John H. Westerman
President & Chief Executive Officer

THE HOSPITAL OF THE GOOD SAMARITAN
AN AFFILIATED HOSPITAL OF THE UNIVERSITY OF SOUTHERN CALIFORNIA
616 South Witmer Street, Los Angeles, California 90017-2395 • (213) 977-2121

WRITER'S DIRECT DIAL NUMBER

TO: All Interested Parties

SUBJECT: 1987 Health Care Finance Administration Mortality Rate Statistical Release for Medicare Patients

DATE: October 20, 1988

The Hospital of the Good Samaritan in downtown Los Angeles appreciates the opportunity to comment on the HCFA hospital-specific data released to the public and submits the following to assist you in interpreting the statistics.

The Hospital of the Good Samaritan is a 411-bed acute care facility with centers of excellence in Cardiology and Cardiovascular Surgery, Cancer, Neuromuscular Diseases, Ambulatory Care, Infertility Medicine, Orthopedics and Nursing.

The Hospital of the Good Samaritan's Heart Institute is the State of California's leading center in volume of open heart operations performed in 1987 and ranks fifth in the state for the number of cardiac catheterizations, according to figures recently released by the Office of Statewide Health Planning and Development.

As the largest cardiovascular medicine center in California by volumes, we make the following observations based on our internal management information system:

1. As a referral center which receives transfers of acutely ill patients from other hospitals, we suspect that our mortality rate is higher than that of a community hospital. To illustrate, in 1987 a third of all Medicare "heart cases" (1,855 medical and surgical cases within DRG's 103-145) at HGS had been transferred from another acute hospital which did not have the resources necessary to care for them; 8.2 percent of these patients died at HGS, while 7 percent of the total number of Medicare heart cases died at HGS.

2. A quarter of all of our Medicare cases (not just heart cases) were originally transferred from another acute care hospital, implying that HGS also cared for many other patients for which other hospitals did not have the resources.

3. The HCFA data compares our mortality rate for heart cases discharged during 1986 against 1987. Despite the tremendous increase in our volumes for all procedures and despite the increasing age and severity of illness of our heart

patients, our mortality rate remains at the previous year's low level.

While offering state of the art technology and care, we continue to explore new alternatives for delivering an exemplary level of diversified clinical services. A longstanding affiliate of the University of Southern California School of Medicine, the hospital is committed to the educational process and to broadening our medical knowledge base in order to provide the highest quality of patient care.

The Hospital supports the public's desire for information which is both accurate and pertinent to their healthcare decisions. Still, the process of compiling and analyzing the information is in evolution and we find some discrepancies between the HCFA data and our own statistics. It is also important to remember this data is not adjusted to allow for individual patient severity of illness difference nor does it take into account those patients who underwent surgery versus those who did not. We suggest the public view this data with these points in mind and avoid drawing conclusions about quality of care for any hospital on the basis of statistics alone.

The Medical record of every patient who expires at The Hospital of the Good Samaritan is thoroughly reviewed by the Medical Staff as part of our extensive quality assurance program. Peer review and monitoring the healthcare delivered at Good Samaritan is an ongoing process supported by both hospital administration and the Medical Staff.

The Hospital of the Good Samaritan is committed to providing the highest quality of patient care in an effective and dignified manner. Again, we appreciate the opportunity to provide comment on these statistics.

Sincerely,

John H Westerman
John H. Westerman, President
and Chief Executive Officer

David S Cannom MD
David S. Cannom, M.D.
Chairman, Quality Assurance

William H Kern M.D.
William H. Kern, M.D.
Chairman, Medical Staff

## HUMANA HOSP WEST ANAHEIM

3033 W ORANGE AVE
ANAHEIM, CA 92804

Medicare Hospital Provider Number: 050426

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 961 | 17 | 11 - 17 | 1,029 | 17 | 11 - 17 |
| Cancer | 18 | 44 | 18 - 63 | 26 | 42 | 26 - 65 |
| Cerebrovascular Accidents | 45 | 29 | 19 - 46 | 50 | 34 | 16 - 43 |
| Gastrointestinal Catastrophes | 9 | 44 | 9 - 69 | 7 | 57 | 8 - 73 |
| Infectious Disease | 14 | 29 | 18 - 65 | 16 | 50 | 17 - 65 |
| Metabolic/Electrolyte Disorders | 25 | 40 | 10 - 51 | 32 | 22 | 12 - 46 |
| Pulmonary Disease | 97 | 28 | 20 - 40 | 88 | 36 | 19 - 42 |
| Renal Failure | 6 | 17 | 11 - 78 | 1 | 0 | 0 -100 |
| Severe Acute Heart Disease | 30 | 63 | 24 - 58 | 37 | 62 | 24 - 56 |
| Severe Chronic Heart Disease | 43 | 44 | 11 - 41 | 54 | 43 | 15 - 42 |
| Severe Trauma | 1 | 0 | 1 - 97 | 6 | 50 | 7 - 76 |
| Gastrointestinal Disease | 67 | 4 | 0 - 19 | 53 | 4 | 0 - 23 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 11 | 9 | 0 -100 |
| Low-Risk Heart Disease | 136 | 4 | 1 - 9 | 144 | 3 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 82 | 5 | 1 - 15 | 95 | 5 | 1 - 14 |
| Neuropsychiatric/Sensory Disease | 25 | 16 | 0 - 88 | 20 | 0 | 0 - 89 |
| Urologic Disease | 33 | 0 | 0 - 34 | 38 | 0 | 0 - 18 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 243 |
| Occupancy Rate (%): | 31 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 316 |
| Percent of Physicians Who Are Board Certified Specialists: | 54 |
| Interns and Residents: | 0 |
| Registered Nurses: | 157 |
| Licensed Practical Nurses: | 16 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

[illegible] West [illegible]
Anaheim, California
[illegible]
[illegible]

**Humana Hospital**
**West Anaheim**

Medicare Provider #: 05-0426

October 18, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

RE: RESPONSE TO HCFA ON HOSPITAL MORTALITY RATES

Dear Mrs. Kappert:

We appreciate the opportunity to comment on the Medicare patient mortality data and the hospital profile characteristics to be published by the Health Care Financing Administration. The information does serve as a part of this hospital's and the health care industry's ongoing quality assurance programs.

HCFA's efforts to provide our hospital specifically, and the health care industry in general, with quality assurance information should be commended.

We also appreciate your public position that even though attempts have been made to further refine the manipulation of the data, this information is limited and cannot be used as a complete measure of quality.

We are very proud of our quality assurance program that is in place at Humana Hospital-West Anaheim; it is well-established and includes routine review by the Joint Commission on Accreditation of Healthcare Organizations and other outside review agencies, ongoing utilization review, quality assurance, in-hospial morbidity and mortality reviews and analyses of all inpatient mortality.

The raw numbers that you have provided in this release further assist us in confirming our records and in analyzing Medicare patient mortality.

The appropriate personnel and committees have reviewed the statistics which have been provided specific to this hospital. This review was conducted by physicians as well as allied health personnel. While in general the data provided by HCFA was similar to hospital records, the hospital has identified some circumstances where the HCFA data is inconsistent with hospital data. For example, 2 patients listed by HCFA as mortalities were not admitted to Humana Hospital-West Anaheim during 1987. One very significant finding is that 30 patients were identified as being discharged from Humana Hospital-West Anaheim alive (18% of total mortalities). Additionally, predicted ranges have been developed in such a complex and unverifiable way, it would be useless to consider them "standard" ranges.

In analyzing the mortality data for 1987, Humana Hospital-West Anaheim reviewers noted that the statistics were not significantly different from the past year's findings. Those characteristics which caused Humana Hospital-West Anaheim mortality to exceed the predicted range in two categories in 1986 are still a factor in our 1987 mortality data. Those categories in which our hospital exceeded the predicted range, severe acute heart disease and severe chronic heart disease, reflect our hospital's pattern of receiving a disproportionate share of terminally ill patients.

In depth scrutiny of the data related to each mortality supports the position that the care and services delivered to each patient were appropriate and that the outcome which occurred would generally be the expected outcome given the circumstances of each case. Some of this supporting data is as follows: In the two categories of heart disease there were 38 total deaths. Of those 38 deaths, 20 patients (53%) were identified as "no code" patients. These are patients where the decision is made between the family and the attending physicians that no heroic measures be taken in order to extend the patient's life. Additionally, 14 of the 38 patients (37%) had lengths of stay of less than 24 hours. This would indicate that the patient was most likely in a very unstable condition upon presentation to the hospital. Also, 4 of the 38 patient mortalities (11%) identified by HCFA records were discharged alive from the hospital. Finally, of the 38 mortalities in these two categories the average age was 76 years. Once again, professional peer review was conducted on each one of the mortalities and the care was found to be consistent with all applicable standards and outcomes were consistent with those that would be predicted.

We also are concerned that the information listed under "Hospital Characteristics" contains inaccurate figures inconsistent with our hospital records, thus we are unable to confirm any of that data.

We stand ready to aid our community in reviewing this complex data and explaining how this type of information is used to affirm and improve the quality of health care services.

Sincerely,

John Hanshaw, Executive Director
Humana Hospital-West Anaheim

# HUMANA HOSPITAL HUNTINGTON BEACH

17772 BEACH BLVD
HUNTINGTON BEACH, CA 92647

Medicare Hospital Provider Number: 050526

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 844 | 14 | 9 - 15 | 803 | 14 | 10 - 16 |
| Cancer | 32 | 41 | 19 - 54 | 24 | 46 | 25 - 65 |
| Cerebrovascular Accidents | 43 | 40 | 16 - 46 | 50 | 26 | 17 - 43 |
| Gastrointestinal Catastrophes | 11 | 18 | 13 - 62 | 6 | 50 | 16 - 84 |
| Infectious Disease | 11 | 36 | 10 - 65 | 6 | 50 | 9 - 77 |
| Metabolic/Electrolyte Disorders | 13 | 31 | 9 - 59 | 21 | 10 | 4 - 40 |
| Pulmonary Disease | 44 | 27 | 18 - 46 | 41 | 37 | 13 - 44 |
| Renal Failure | 7 | 86 | 15 - 77 | 7 | 57 | 9 - 78 |
| Severe Acute Heart Disease | 33 | 52 | 24 - 58 | 44 | 50 | 24 - 54 |
| Severe Chronic Heart Disease | 37 | 24 | 12 - 41 | 45 | 22 | 11 - 37 |
| Severe Trauma | 1 | 0 | 0 - 99 | 0 | - | - |
| Gastrointestinal Disease | 55 | 2 | 0 - 19 | 57 | 0 | 0 - 11 |
| Gynecologic Disease | 8 | 0 | 0 -100 | 11 | 9 | 0 -100 |
| Low-Risk Heart Disease | 116 | 3 | 1 - 10 | 106 | 1 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 64 | 0 | 0 - 12 | 60 | 3 | 0 - 31 |
| Neuropsychiatric/Sensory Disease | 29 | 0 | 0 - 64 | 6 | 17 | 0 -100 |
| Urologic Disease | 44 | 0 | 0 - 59 | 22 | 0 | 0 - 87 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 141 |
| Occupancy Rate (%): | 46 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 101 |
| Percent of Physicians Who Are Board Certified Specialists: | 74 |
| Interns and Residents: | 0 |
| Registered Nurses: | 125 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

17772 Beach Boulevard
Huntington Beach, California
92647
Telephone 714 842-1473

**Humana Hospital
Huntington Beach**

Medicare Provider No.
050526

October 18, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We appreciate the opportunity to comment on the Medicare patient mortality data and the hospital profile characteristics to be published by the Health Care Financing Administration. The information does serve as a part of this hospital's and the health care industry's ongoing quality assurance programs.

HCFA's efforts to provide our hospital specifically, and the health care industry in general, with quality assurance information should be commended.

We also appreciate your public position that even though attempts have been made to further refine the manipulation of the data, this information is limited and cannot be used as a complete measure of quality.

We are very proud of our quality assurance program that is in place at Humana Hospital-Huntington Beach; it is well-established and includes routine review by the Joint Commission on Accreditiation of Healthcare Organizations and other outside review agencies, ongoing utilization review, quality assurance, in-hospital morbidity and mortality reviews and analyses of all inpatient mortality.

The raw numbers that you have provided in this release further assist us in confirming our records and in analyzing Medicare patient mortality.

The hospital's medical records department, utilization management department, and the quality assurance staff have reviewed the statistics provided by HCFA. Since some of the deaths attributed to patients in our hospital occurred after discharge, we have been unable to completely validate the data. By category, the number of patients in many cases is too limited to provide a valid statistical analysis. Additionally, predicted ranges have been developed in such a complex and unverifiable way, it would be useless to consider them "standard" ranges.

We also are concerned that the information listed under "Hospital Characteristics" contains inaccurate figures inconsistent with our hospital records, thus we are unable to confirm any of that data.

Specifically, all categories listed were reviewed and we have determined that under the category of "renal failure", our mortality statistic was higher than HCFA's predicted range (86% in a range of 15% to 77%). In reviewing the medical records of the six deaths, only three died in our hospital, two were treated, stabilized, and transferred for continuing care to Skilled Nursing Facilities, and one was sent home to family. It should be noted that the average age of these six patients was 76 years. In addition, these cases were all originally brought to our facility through the Emergency Room in critical condition and after examination and discussion with the families, the families requested that the patients be allowed to die with no heroic measures or life support systems, due to the severity and complicated illnesses. Our facility and Medical Staff support and abide by family wishes in these difficult times.

We stand ready to aid our community in reviewing this very complex data and explaining how this type of information is used to affirm and improve the quality of health care services.

Sincerely,

Mark Aanon

Mark Aanonson, Executive Director
Humana Hospital-Huntington Beach

MA:jh

## HUMANA HOSPITAL SAN LEANDRO

13855 E 14TH STREET
SAN LEANDRO, CA 94578

Medicare Hospital Provider Number: 050264

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,777 | 13 | 10 - 15 | 1,555 | 12 | 10 - 15 |
| Cancer | 86 | 52 | 30 - 55 | 59 | 41 | 27 - 55 |
| Cerebrovascular Accidents | 102 | 24 | 18 - 36 | 77 | 17 | 17 - 35 |
| Gastrointestinal Catastrophes | 14 | 50 | 16 - 66 | 15 | 53 | 14 - 64 |
| Infectious Disease | 19 | 37 | 17 - 60 | 25 | 28 | 19 - 57 |
| Metabolic/Electrolyte Disorders | 16 | 13 | 8 - 48 | 23 | 17 | 7 - 44 |
| Pulmonary Disease | 76 | 26 | 17 - 39 | 65 | 31 | 17 - 42 |
| Renal Failure | 11 | 36 | 13 - 75 | 15 | 47 | 23 - 81 |
| Severe Acute Heart Disease | 49 | 31 | 24 - 51 | 56 | 34 | 25 - 51 |
| Severe Chronic Heart Disease | 96 | 25 | 15 - 33 | 85 | 19 | 18 - 36 |
| Severe Trauma | 5 | 60 | 4 - 78 | 1 | 0 | 1 - 97 |
| Gastrointestinal Disease | 147 | 2 | 1 - 8 | 126 | 6 | 1 - 12 |
| Gynecologic Disease | 10 | 0 | 0 -100 | 14 | 0 | 0 -100 |
| Low-Risk Heart Disease | 180 | 6 | 1 - 10 | 145 | 6 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 235 | 2 | 1 - 6 | 220 | 2 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 34 | 0 | 0 - 27 | 32 | 3 | 1 - 24 |
| Urologic Disease | 36 | 0 | 0 - 35 | 36 | 3 | 0 - 25 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 136
Occupancy Rate (%): 51
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 129
Percent of Physicians Who Are Board Certified Specialists: 71
Interns and Residents: 0
Registered Nurses: 139
Licensed Practical Nurses: 40

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

13855 East 14th Street
San Leandro, California
94578
Telephone 415 357-6500

Medicare Provider No.
050264

**Humana Hospital**
**San Leandro**

October 20, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We appreciate the opportunity to comment on the Medicare patient mortality data and the hospital profile characteristics to be published by the Health Care Financing Administration. The information does serve as a part of this hospital's and the health care industry's ongoing quality assurance programs.

HCFA's efforts to provide our hospital specifically, and the health care industry in general, with quality assurance information should be commended.

We also appreciate your public position that even though attempts have been made to further refine the manipulation of the data, this information is limited and cannot be used as a complete measure of quality.

We are very proud of our Quality Assurance Program that is in place at Humana Hospital - San Leandro; it is well established and includes routine review by the Joint Commission on Accreditation of Healthcare Organizations and other outside review agencies, ongoing utilization review, quality assurance, in-hospital morbidity and mortality reviews and analyses of all inpatient mortality.

The raw numbers that you have provided in this release further assist us in confirming our records and in analyzing Medicare patient mortality.

The Quality Assurance staff have reviewed the statistics provided by HCFA. Since some of the deaths attributed to patients in our hospital occurred after discharge, we have been unable to completely validate the data. By category, the number of patients in many cases is too limited to provide a valid statistical analysis. Additionally, predicted ranges have been developed in such a complex and unverifiable way, it would be useless to consider them "standard" ranges.

I am also concerned that the information listed under "Hospital Characteristics" contains inaccurate figures inconsistent with our hospital records, thus we are unable to confirm any of that data.

We stand ready to aid our community in reviewing this very complex data and explaining how this type of information is used to affirm and improve the quality of health care services.

Sincerely,

Doris I. Porth, Executive Director
Humana Hospital - San Leandro

sd

## HUMANA HOSPITAL WEST HILLS

7300 MEDICAL CENTER DR
CANOGA PARK, CA 91307

Medicare Hospital Provider Number: 050481

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,217 | 13 | 10 - 15 | 1,333 | 11 | 10 - 15 |
| Cancer | 59 | 42 | 26 - 54 | 55 | 42 | 28 - 57 |
| Cerebrovascular Accidents | 52 | 25 | 13 - 38 | 43 | 16 | 16 - 40 |
| Gastrointestinal Catastrophes | 4 | 50 | 8 - 84 | 7 | 57 | 13 - 77 |
| Infectious Disease | 17 | 47 | 16 - 63 | 12 | 33 | 21 - 72 |
| Metabolic/Electrolyte Disorders | 10 | 30 | 11 - 66 | 25 | 32 | 10 - 49 |
| Pulmonary Disease | 60 | 25 | 19 - 43 | 67 | 28 | 18 - 42 |
| Renal Failure | 6 | 33 | 4 - 77 | 4 | 25 | 5 - 83 |
| Severe Acute Heart Disease | 47 | 47 | 26 - 55 | 58 | 29 | 27 - 52 |
| Severe Chronic Heart Disease | 59 | 22 | 14 - 36 | 69 | 28 | 16 - 39 |
| Severe Trauma | 1 | 0 | 0 - 98 | 3 | 33 | 2 - 87 |
| Gastrointestinal Disease | 65 | 3 | 0 - 23 | 85 | 2 | 1 - 11 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 16 | 0 | 0 -100 |
| Low-Risk Heart Disease | 142 | 1 | 1 - 7 | 174 | 3 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 173 | 3 | 0 - 8 | 159 | 3 | 0 - 9 |
| Neuropsychiatric/Sensory Disease | 22 | 0 | 0 - 55 | 33 | 3 | 0 - 37 |
| Urologic Disease | 60 | 0 | 0 - 30 | 49 | 0 | 0 - 13 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 236 |
| Occupancy Rate (%): | 45 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 177 |
| Percent of Physicians Who Are Board Certified Specialists: | 81 |
| Interns and Residents: | 0 |
| Registered Nurses: | 222 |
| Licensed Practical Nurses: | 15 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Humana Hospital
West Hills**

October 20, 1988

**FEDERAL EXPRESS**

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

**Re: Medicare Provider Number 050481**

I appreciate the opportunity to comment on the Medicare patient mortality data and the hospital profile characteristics to be published by the Health Care Financing Administration. The information does serve as a part of this hospital's and the health care industry's ongoing quality assurance programs.

HCFA's efforts to provide our hospital specifically, and the health care industry in general, with quality assurance information should be commended. I also appreciate your public position that, even though attempts have been made to further refine the manipulation of the data, this information is limited and cannot be used as a complete measure of quality.

I am very proud of the quality assurance program that is in place at Humana Hospital - West Hills. It is well-established and includes routine review by the Joint Commission on Accreditation of Healthcare Organizations and other outside review agencies, ongoing utilization review, quality assurance, in-hospital morbidity and mortality reviews and analyses of all inpatient mortality. The raw numbers that you have provided in this release further assist us in confirming our records and in analyzing Medicare patient mortality.

Our Medical Records Department, and our quality assurance personnel have reviewed the statistics provided by HCFA. Since some of the deaths attributed to patients in our hospital occurred after discharge, we have been unable to completely validate the data. By category, the number of patients, in many cases, is too limited to provide a valid statistical analysis. Additionally, predicted ranges have been developed in such a complex and unverifiable way that it would be useless to consider them "standard" ranges. I am also concerned that the information listed under "Hospital Characteristics" contains inaccurate figures inconsistent with our hospital records, thus we are unable to confirm any of that data.

We stand ready to aid our community in reviewing this very complex data and explaining how this type of information is used to affirm and improve the quality of health care services.

Sincerely,

Dan J. Brothman
Executive Director
Humana Hospital - West Hills
DB:vgp

## HUMANA HOSPITAL WESTMINISTER

200 HOSPITAL CIRCLE
WESTMINISTER,, CA 92683

Medicare Hospital Provider Number: 050363

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 855 | 18 | 10 - 16 | 1,038 | 18 | 10 - 16 |
| Cancer | 24 | 54 | 28 - 68 | 29 | 34 | 25 - 61 |
| Cerebrovascular Accidents | 48 | 38 | 15 - 43 | 59 | 41 | 18 - 44 |
| Gastrointestinal Catastrophes | 7 | 43 | 8 - 73 | 9 | 33 | 8 - 67 |
| Infectious Disease | 8 | 25 | 12 - 70 | 12 | 42 | 14 - 67 |
| Metabolic/Electrolyte Disorders | 11 | 45 | 7 - 63 | 16 | 25 | 4 - 52 |
| Pulmonary Disease | 44 | 43 | 14 - 45 | 44 | 39 | 15 - 45 |
| Renal Failure | 4 | 25 | 2 - 83 | 2 | 0 | 6 - 91 |
| Severe Acute Heart Disease | 46 | 63 | 27 - 56 | 54 | 44 | 27 - 54 |
| Severe Chronic Heart Disease | 44 | 25 | 13 - 40 | 57 | 32 | 13 - 38 |
| Severe Trauma | 1 | 100 | 2 - 97 | 1 | 100 | 2 - 97 |
| Gastrointestinal Disease | 56 | 13 | 1 - 28 | 74 | 5 | 1 - 17 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 3 | 33 | 0 -100 |
| Low-Risk Heart Disease | 104 | 2 | 1 - 9 | 127 | 6 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 68 | 0 | 0 - 10 | 84 | 2 | 0 - 18 |
| Neuropsychiatric/Sensory Disease | 20 | 10 | 0 - 81 | 28 | 7 | 0 - 68 |
| Urologic Disease | 25 | 8 | 0 - 58 | 31 | 0 | 0 - 39 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 182 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

**Humana Hospital
Westminster**

October 18, 1988

Medicare Provider No:
05-0363

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

I appreciate the opportunity to comment on the Medicare patient mortality data and the hospital profile characteristics to be published by the Health Care Financing Administration. The information does serve as a part of this hospital's and the health care industry's ongoing quality assurance programs.

HCFA's efforts to provide our hospital specifically, and the health care industry in general, with quality assurance information should be commended.

I also appreciate your public position that even though attempts have been made to further refine the manipulation of the data, this information is limited and cannot be used as a complete measure of quality.

I am very proud of our quality assurance program that is in place at Humana Hospital-Westminster; it is well-established and includes routine review by the Joint Commission on Accreditation of Healthcare Organizations and other outside review agencies, ongoing utilization review, quality assurance, in-hospital morbidity and mortality reviews and analyses of all inpatient mortality.

The raw numbers that you have provided in this release further assist us in confirming our records and in analyzing Medicare patient mortality.

Our hospital staff performed an extensive review of the identified mortality cases. In some cases the number of patients in a particular category is too small to provide a valid statistical analysis. Also included in the statistics were 33 deaths within 30 days of the patient's last hospital admission. Since these deaths occurred outside of the hospital, we have been unable to completely validate this data.

A significant factor in the mortality rates relates to the hospital's geographic location and affiliation with senior health care centers. We are surrounded by skilled nursing facilities, board and care centers, multiple mobile home parks, and a high percentage of senior home owners.

As a result of the hospital's proximity and relationship to these centers, the hospital receives a disproportionate share of terminally ill patients. Additionally, predicted ranges have been developed in such a complex and unverifiable way, it would be useless to consider them "standard" ranges.

I also am concerned that the information listed under "Hospital Characteristics" contains inaccurate figures inconsistent with our hospital records. Thus we are unable to confirm any of that data.

Our internal review of the medical records of the 150 deaths identified by HCFA revealed circumstances upon admission which indicate a higher level of acuity. For example:

- 124, or 83% of these patients were admitted through the hospital emergency room. This indicates that the patients medical problem was so acute as to require immediate attention.

- 93, or 62% of these patients were admitted to the hospital's Intensive Care Unit. Patients admitted to this unit are so severely ill they require life support and/or constant monitoring.

- 38, or 25% of the patients were admitted to the hospital directly from a skilled nursing facility. These are chronically ill patients whose condition had deteriorated to the point of requiring acute care.

- Of the patients who died during their hospitalization, 106, or 71% had "no code" orders written in their medical record chart. A "no code" status indicates that the families of the patients and/or the patient themselves recognized the severity of the illness and made the decision to avoid heroic efforts in the event that the patient required cardiopulmonary resuscitation.

We stand ready to aid our community in reviewing this very complex data and explaining how this type of information is used to affirm and improve the quality of health care services.

Sincerely,

Joel Premselaar, Executive Director
Humana Hospital - Westminster

## HUNTINGTON MEM HOSP

100 CONGRESS ST
PASADENA, CA 91105

Medicare Hospital Provider Number: 050438

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 4,308 | 11 | 10 - 14 | 4,349 | 11 | 10 - 14 |
| Cancer | 206 | 44 | 32 - 51 | 190 | 44 | 32 - 52 |
| Cerebrovascular Accidents | 199 | 19 | 21 - 34 | 177 | 15 | 22 - 35 |
| Gastrointestinal Catastrophes | 41 | 27 | 23 - 55 | 23 | 43 | 15 - 57 |
| Infectious Disease | 33 | 39 | 24 - 59 | 45 | 38 | 19 - 51 |
| Metabolic/Electrolyte Disorders | 45 | 18 | 10 - 39 | 64 | 19 | 12 - 38 |
| Pulmonary Disease | 226 | 26 | 20 - 35 | 207 | 26 | 18 - 35 |
| Renal Failure | 27 | 19 | 15 - 63 | 16 | 31 | 15 - 72 |
| Severe Acute Heart Disease | 158 | 34 | 31 - 49 | 169 | 27 | 31 - 47 |
| Severe Chronic Heart Disease | 173 | 24 | 16 - 30 | 168 | 22 | 17 - 31 |
| Severe Trauma | 16 | 25 | 9 - 55 | 8 | 0 | 8 - 53 |
| Gastrointestinal Disease | 200 | 3 | 1 - 8 | 246 | 4 | 1 - 8 |
| Gynecologic Disease | 53 | 0 | 0 - 99 | 61 | 0 | 0 - 98 |
| Low-Risk Heart Disease | 606 | 4 | 2 - 6 | 624 | 4 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 496 | 2 | 1 - 5 | 510 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 170 | 1 | 1 - 7 | 171 | 4 | 1 - 10 |
| Urologic Disease | 207 | 1 | 0 - 7 | 184 | 2 | 1 - 7 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 546 |
| Occupancy Rate (%): | 79 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 350 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 35 |
| Registered Nurses: | 637 |
| Licensed Practical Nurses: | 120 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## INDIAN VALLEY DISTRICT HOSPITAL

174 HOT SPRINGS ROAD
GREENVILLE, CA 95947

Medicare Hospital Provider Number: 050433

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 58 | 19 | 7 - 29 | 48 | 6 | 6 - 22 |
| Cancer | 1 | 100 | 2 - 97 | 0 | - | - |
| Cerebrovascular Accidents | 1 | 100 | 2 - 97 | 1 | 0 | 0 - 99 |
| Gastrointestinal Catastrophes | 2 | 0 | 3 - 88 | 0 | - | - |
| Infectious Disease | 1 | 0 | 1 - 97 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Pulmonary Disease | 4 | 25 | 5 - 80 | 3 | 0 | 0 - 95 |
| Renal Failure | 4 | 50 | 9 - 87 | 0 | - | - |
| Severe Acute Heart Disease | 1 | 0 | 1 - 97 | 7 | 29 | 10 - 71 |
| Severe Chronic Heart Disease | 7 | 57 | 6 - 71 | 6 | 17 | 1 - 73 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 9 | 11 | 0 -100 | 9 | 0 | 0 - 90 |
| Musculoskeletal/Skin Conditions | 6 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 0 | - | - |
| Urologic Disease | 1 | 0 | 0 -100 | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 26 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## INGLEWOOD GENERAL HOSPTAL

426 E 99TH ST
INGLEWOOD, CA 90301

Medicare Hospital Provider Number: 050338

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1 | 0 | 3 - 98 | 0 | - | - |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 1 | 0 | 3 - 98 | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 0 | - | - |
| Musculoskeletal/Skin Conditions | 0 | - | - | 0 | - | - |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 0 | - | - |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

| | |
|---|---|
| Total Beds (#): | 28 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 12 |
| Licensed Practical Nurses: | 4 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## INLAND VALLEY REGIONAL MEDICAL CENTE

36485 INLAND VALLEY DRIVE
WINDOMAR, CA 92395

Medicare Hospital Provider Number: 050630

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,062 | 10 | 8 - 13 | 914 | 11 | 8 - 13 |
| Cancer | 11 | 45 | 20 - 74 | 12 | 50 | 18 - 70 |
| Cerebrovascular Accidents | 49 | 37 | 15 - 43 | 35 | 6 | 15 - 35 |
| Gastrointestinal Catastrophes | 4 | 25 | 4 - 80 | 7 | 14 | 6 - 65 |
| Infectious Disease | 10 | 20 | 10 - 61 | 15 | 47 | 16 - 65 |
| Metabolic/Electrolyte Disorders | 24 | 25 | 10 - 49 | 19 | 37 | 7 - 53 |
| Pulmonary Disease | 64 | 16 | 14 - 35 | 60 | 23 | 10 - 34 |
| Renal Failure | 5 | 60 | 5 - 81 | 6 | 50 | 13 - 85 |
| Severe Acute Heart Disease | 27 | 52 | 20 - 58 | 31 | 45 | 22 - 57 |
| Severe Chronic Heart Disease | 53 | 21 | 13 - 36 | 44 | 25 | 12 - 39 |
| Severe Trauma | 2 | 50 | 1 - 92 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 72 | 4 | 0 - 23 | 60 | 0 | 0 - 10 |
| Gynecologic Disease | 14 | 7 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 180 | 3 | 1 - 8 | 163 | 3 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 87 | 1 | 0 - 11 | 72 | 1 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 15 | 0 | 0 - 92 | 11 | 0 | 0 - 99 |
| Urologic Disease | 62 | 0 | 0 - 16 | 45 | 0 | 0 - 47 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 70 |
| Occupancy Rate (%): | 57 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 37 |
| Percent of Physicians Who Are Board Certified Specialists: | 76 |
| Interns and Residents: | 0 |
| Registered Nurses: | 51 |
| Licensed Practical Nurses: | 15 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## INTER-COMMUNITY HOSP

303 N THIRD AVE
COVINA, CA 91723

Medicare Hospital Provider Number: 050382

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,985 | 13 | 10 - 14 | 1,934 | 12 | 10 - 15 |
| Cancer | 85 | 47 | 29 - 54 | 83 | 41 | 30 - 55 |
| Cerebrovascular Accidents | 75 | 21 | 19 - 39 | 81 | 26 | 17 - 37 |
| Gastrointestinal Catastrophes | 14 | 29 | 12 - 61 | 9 | 22 | 11 - 66 |
| Infectious Disease | 23 | 48 | 14 - 55 | 17 | 24 | 22 - 64 |
| Metabolic/Electrolyte Disorders | 44 | 27 | 10 - 42 | 30 | 27 | 9 - 45 |
| Pulmonary Disease | 108 | 31 | 16 - 36 | 101 | 35 | 21 - 42 |
| Renal Failure | 6 | 17 | 7 - 75 | 8 | 50 | 13 - 80 |
| Severe Acute Heart Disease | 86 | 40 | 28 - 51 | 82 | 41 | 27 - 50 |
| Severe Chronic Heart Disease | 86 | 21 | 14 - 32 | 76 | 25 | 15 - 36 |
| Severe Trauma | 1 | 100 | 3 - 98 | 4 | 50 | 2 - 83 |
| Gastrointestinal Disease | 86 | 3 | 1 - 12 | 100 | 3 | 1 - 11 |
| Gynecologic Disease | 14 | 0 | 0 -100 | 24 | 0 | 0 -100 |
| Low-Risk Heart Disease | 314 | 3 | 2 - 6 | 335 | 5 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 198 | 1 | 0 - 6 | 166 | 1 | 0 - 6 |
| Neuropsychiatric/Sensory Disease | 36 | 3 | 0 - 37 | 56 | 4 | 0 - 26 |
| Urologic Disease | 73 | 0 | 0 - 19 | 65 | 3 | 0 - 27 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 255 |
| Occupancy Rate (%): | 57 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 343 |
| Percent of Physicians Who Are Board Certified Specialists: | 54 |
| Interns and Residents: | 0 |
| Registered Nurses: | 180 |
| Licensed Practical Nurses: | 52 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Inter·Community Medical Center**
303 North Third Avenue, Covina, California 91723-1901 (818) 331-7331

DUANE A. CARLBERG
EXECUTIVE VICE PRESIDENT/DIRECTOR

October 19, 1988

Provider No.: 05-0382

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Reference: Mortality Statistics 1986

Gentlemen:

Thank you for the opportunity to respond to the Health Care Financing Administration (HCFA) release of data regarding mortality for the calendar year 1986.

Inter-Community Medical Center is a general acute hospital specializing in full service provided to the oncologic and cardiac patients in our geographic area. The Medical Staff, as has been their practice, will continue to include mortality review as part of their ongoing quality assurance activities. Trending analysis from these reviews is a constant endeavor to assist in identifying opportunities to improve care.

The Director of Medical Records has validated that with minor exceptions, the data reflects the statistics of our facility.

Our comprehensive medical review confirmed that the timely as well as the appropriateness of care given to these acutely ill patients met our standard of care. They also confirmed the accuracy of the category to which each patient was assigned. It is noteworthy that our individual diagnostic grouping's rate as well as our overall mortality rate are well within the predicted range for our type of hospital.

Again, thank you for the opportunity to present this response. Should you or anyone reviewing this information have additional questions, please do not hesitate to contact me at (818) 331-7331.

Sincerely,

Duane Carlberg
Executive Vice President/Director

cc: R. Manning, M.D., Chief of Staff
C. Duane Dauner
California Association of Hospitals and Health Systems

**Inter·Community Medical Center™**
303 North Third Avenue, Covina, California 91723-1901 (818) 331-7331

DUANE A. CARLBERG
EXECUTIVE VICE PRESIDENT/DIRECTOR

October 19, 1988

Provider No.: 05-0332

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Reference: Mortality Statistics 1986
Clarification for Correction(s)

Gentlemen:

As a result of our review of the above-mentioned report we respectfully request correction of the following:

Clarification of mortality groupings:

| Group | # Cases | % Mortality | Predicted |
|---|---|---|---|
| Severe Trauma | 1 | 100% | 3-98% |

NOTE: The reported case #[redacted], Health Insurance Claim #[redacted] is reported as Severe Trauma. The actual ICD codes are: 0389 - Septicemia unspecified; 202.80 - Malignant lymphoma; 599.6 - Urinary obstruction. More correctly this case would fall into category of Infectious Diseases. This being true, the corrected values would be:

| Group | # Cases | % Mortality | Predicted |
|---|---|---|---|
| Severe Trauma | 0 | 0 | 3-98% |
| Infectious Disease | 24 | 49% | 15-55% |

Clarification of hospital characteristics for Survey Year 1986

| | HCFA Report | Actual |
|---|---|---|
| # Licensed Beds: | 156 | 274 |

Your kind consideration in correcting the above is greatly appreciated. With these changes our response will then be in keeping with the public report.

Should you have questions regarding the above, please do not hesitate to contact the writer at (818) 331-7331.

Sincerely,

Duane Carlberg
Executive Vice President/Director

## JOHN C FREMONT HOSPITAL

5189 HOSPITAL ROAD
MARIPOSA, CA 95338

Medicare Hospital Provider Number: 050443

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 140 | 9 | 9 - 19 | 120 | 17 | 8 - 22 |
| Cancer | 3 | 100 | 20 - 93 | 3 | 67 | 6 - 87 |
| Cerebrovascular Accidents | 5 | 20 | 3 - 74 | 6 | 0 | 7 - 58 |
| Gastrointestinal Catastrophes | 1 | 0 | 1 - 97 | 0 | - | - |
| Infectious Disease | 3 | 0 | 8 - 81 | 5 | 60 | 8 - 80 |
| Metabolic/Electrolyte Disorders | 3 | 0 | 1 - 86 | 4 | 75 | 3 - 80 |
| Pulmonary Disease | 10 | 10 | 7 - 53 | 10 | 0 | 7 - 43 |
| Renal Failure | 1 | 100 | 3 - 98 | 0 | - | - |
| Severe Acute Heart Disease | 5 | 0 | 12 - 68 | 3 | 67 | 9 - 89 |
| Severe Chronic Heart Disease | 14 | 14 | 8 - 49 | 9 | 11 | 7 - 56 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 4 | 0 | 0 -100 | 8 | 0 | 0 - 98 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 29 | 7 | 0 - 58 | 16 | 6 | 0 - 72 |
| Musculoskeletal/Skin Conditions | 11 | 0 | 0 - 91 | 12 | 8 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 3 | 0 | 0 -100 | 3 | 33 | 0 -100 |
| Urologic Disease | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 34 |
| Occupancy Rate (%): | 59 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 36 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

John C. Fremont Hospital District
*Pioneers in Comprehensive Rural Health Care Systems*
5189 HOSPITAL ROAD. P.O. BOX 216. MARIPOSA. CALIFORNIA 95338 (209) 966-3631

October 21, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to comment on the mortality information published in Medicare Hospital Mortality Information (1987).

We have evaluated the report and request that the data under "Renal Failure" be deleted from our report because it is patient identifiable and statistically insignificant.

Although we believe that the population base of three cases in the data under "Cancer" is too small to render a significant finding, we did review the deaths in that category and found that the primary sites of the cancer were the pancreas, the bladder, and the ovaries. Those sites of cancer have a high mortality rate throughout the nation. We also found that the average age of death of patients who expired due to carcinoma was 76.3.

Thank you again for the opportunity to compare our hospital with other facilities throughout the nation.

Sincerely yours,

Wallace E. Flemming

Wallace E. Flemming
Administrator

WEF/mm

## JOHN F KENNEDY MEMORIAL HOSPITAL

47-111 MONROE ST
INDIO, CA 92201

Medicare Hospital Provider Number: 050534

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 902 | 12 | 9 - 14 | 965 | 13 | 10 - 15 |
| Cancer | 19 | 47 | 26 - 70 | 28 | 50 | 26 - 63 |
| Cerebrovascular Accidents | 40 | 38 | 14 - 45 | 45 | 22 | 16 - 42 |
| Gastrointestinal Catastrophes | 9 | 44 | 12 - 71 | 16 | 50 | 16 - 64 |
| Infectious Disease | 14 | 57 | 14 - 64 | 6 | 33 | 7 - 74 |
| Metabolic/Electrolyte Disorders | 11 | 9 | 10 - 54 | 12 | 33 | 5 - 60 |
| Pulmonary Disease | 49 | 33 | 13 - 41 | 59 | 36 | 15 - 42 |
| Renal Failure | 4 | 25 | 10 - 86 | 7 | 71 | 9 - 77 |
| Severe Acute Heart Disease | 33 | 48 | 18 - 52 | 39 | 51 | 26 - 58 |
| Severe Chronic Heart Disease | 42 | 24 | 12 - 39 | 48 | 15 | 14 - 36 |
| Severe Trauma | 3 | 33 | 2 - 86 | 1 | 100 | 0 - 98 |
| Gastrointestinal Disease | 63 | 3 | 1 - 15 | 54 | 4 | 0 - 24 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 149 | 2 | 1 - 7 | 133 | 4 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 81 | 1 | 1 - 10 | 94 | 3 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 32 | 0 | 0 - 27 | 26 | 4 | 0 - 94 |
| Urologic Disease | 55 | 4 | 0 - 36 | 34 | 0 | 0 - 58 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 131 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## JOHN MUIR MEDICAL CENTER

1601 YGNACIO VALLEY RD
WALNUT CREEK, CA 94598

Medicare Hospital Provider Number: 050180

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,988 | 12 | 11 - 15 | 2,867 | 12 | 10 - 14 |
| Cancer | 115 | 58 | 31 - 54 | 105 | 43 | 30 - 53 |
| Cerebrovascular Accidents | 158 | 26 | 20 - 36 | 134 | 30 | 20 - 38 |
| Gastrointestinal Catastrophes | 43 | 33 | 21 - 54 | 26 | 15 | 17 - 51 |
| Infectious Disease | 44 | 25 | 19 - 49 | 36 | 31 | 20 - 54 |
| Metabolic/Electrolyte Disorders | 58 | 28 | 14 - 43 | 44 | 25 | 10 - 41 |
| Pulmonary Disease | 131 | 27 | 17 - 35 | 117 | 30 | 16 - 36 |
| Renal Failure | 12 | 42 | 12 - 73 | 13 | 46 | 17 - 78 |
| Severe Acute Heart Disease | 124 | 26 | 29 - 47 | 105 | 44 | 31 - 52 |
| Severe Chronic Heart Disease | 122 | 26 | 17 - 34 | 93 | 28 | 15 - 34 |
| Severe Trauma | 15 | 20 | 10 - 56 | 13 | 38 | 10 - 63 |
| Gastrointestinal Disease | 180 | 3 | 1 - 8 | 178 | 4 | 1 - 9 |
| Gynecologic Disease | 29 | 0 | 0 -100 | 20 | 0 | 0 -100 |
| Low-Risk Heart Disease | 261 | 5 | 2 - 8 | 304 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 383 | 3 | 1 - 6 | 355 | 4 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 98 | 0 | 1 - 7 | 116 | 3 | 0 - 12 |
| Urologic Disease | 148 | 1 | 0 - 11 | 126 | 1 | 0 - 8 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 267 |
| Occupancy Rate (%): | 67 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 331 |
| Percent of Physicians Who Are Board Certified Specialists: | 86 |
| Interns and Residents: | 11 |
| Registered Nurses: | 526 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

MEDICARE PROVIDER #050180

JOHN
MUIR
MEDICAL
CENTER

1601 Ygnacio Valley Road • Walnut Creek, California 94598-3194 • (415) 939-3000

October 17, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
Hospital Mortality Information
P.O. Box 26684
Baltimore, Maryland 21207

Dear Dr. Roper:

Please attach the following information to the Hospital Specific Report for calendar years 1986 and 1987 prior to public disclosure for John Muir Medical Center (formerly called John Muir Memorial Hospital), Medicare provider #050180.

The 1986 information you received from AHA needs some clarification:

- Bed capacity is 267 with 62% occupancy.
- Board certified physicians - 85%
- Organ transplant service is not provided.

John Muir Medical Center's primary concern is for the care of its patients. The John Muir medical staff extensively reviews the medical records of patients who die at the medical center to examine the appropriateness of medical treatment and overall care. The HCFA mortality report shows that John Muir Medical Center Medicare patient deaths are well within the expected Range of Predicted Mortality Rates, except for the cancer category. However, the Tumor Registry maintains statistics on all the cancer patients treated at John Muir and the staging of their disease and does follow-up of each case to determine survival rates. Our survival rates for major cancers adjusted for staging match the national survival rates. The review of patient mortality is an ongoing process of the John Muir Medical Center quality assurance program which is an integral part of the monitoring of the medical center's entire healthcare delivery system.

The hospital-specific mortality data reported by HCFA has been carefully reviewed by John Muir Medical Center administrators, Chief of the Medical Staff, physician members of Utilization Review Committee, Quality Assurance Committee and Cancer Committee. We agree with your conclusion that the mortality data "by itself is not a complete measure of the quality of care at an individual hospital. While we believe that information on hospital mortality rates is useful, until we have developed additional statistical measures to deal with complex issues such as severity of illness, we cannot and do not recommend the use of the information by itself to make judgments about the quality of care in an individual hospital or to make comparisons among hospitals."

Letter to William L. Roper, M.D.
Page 2
October 17, 1988

The 1987 methodology of using ICD-9-CM codes to identify the presence or absence of some comorbid conditions for each patient and basing the predicted mortality ranges using these codes is an improvement over the 1986 methodology; however, there remain many difficulties with code based systems. The methodology will need, at least, to include a clinical assessment of pretreatment severity before it can be used as a quality of care indicator.

John Muir supports and encourages HCFA, JCAHO and others in their efforts to develop methodologies to measure the quality of care received by the consumer. John Muir Medical Center continues to review all aspects of care for every patient individually on an ongoing basis, not just when statistics such as the patient mortality data are released. John Muir remains dedicated to providing patient care at the highest standards of quality.

Thank you for the opportunity to present this response.

Sincerely,

JOHN MUIR MEDICAL CENTER

J. Kendall Anderson

J. Kendall Anderson
President/Chief Executive Officer

JKA/cy

## KAISER FOUND HOSP ANAHEIM

441 N LAKEVIEW AVENUE
ANAHEIM, CA 92807

Medicare Hospital Provider Number: 050609

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,246 | 10 | 11 - 15 | 1,198 | 11 | 10 - 15 |
| Cancer | 61 | 43 | 32 - 59 | 56 | 43 | 25 - 54 |
| Cerebrovascular Accidents | 38 | 21 | 16 - 43 | 40 | 17 | 13 - 39 |
| Gastrointestinal Catastrophes | 14 | 14 | 18 - 61 | 13 | 23 | 11 - 59 |
| Infectious Disease | 20 | 15 | 24 - 60 | 14 | 50 | 19 - 69 |
| Metabolic/Electrolyte Disorders | 17 | 24 | 8 - 52 | 14 | 14 | 9 - 52 |
| Pulmonary Disease | 56 | 23 | 17 - 42 | 57 | 30 | 15 - 41 |
| Renal Failure | 9 | 22 | 12 - 73 | 8 | 13 | 13 - 74 |
| Severe Acute Heart Disease | 48 | 42 | 25 - 54 | 61 | 20 | 29 - 51 |
| Severe Chronic Heart Disease | 53 | 19 | 13 - 35 | 51 | 24 | 15 - 39 |
| Severe Trauma | 5 | 0 | 5 - 65 | 3 | 0 | 3 - 80 |
| Gastrointestinal Disease | 70 | 3 | 1 - 14 | 63 | 3 | 1 - 16 |
| Gynecologic Disease | 18 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 178 | 1 | 2 - 6 | 171 | 4 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 82 | 1 | 1 - 10 | 97 | 4 | 0 - 19 |
| Neuropsychiatric/Sensory Disease | 39 | 3 | 0 - 34 | 23 | 0 | 0 - 57 |
| Urologic Disease | 62 | 0 | 1 - 9 | 66 | 2 | 0 - 18 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 193 |
| Occupancy Rate (%): | 70 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 129 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 8 |
| Registered Nurses: | 255 |
| Licensed Practical Nurses: | 24 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

KAISER PERMANENTE
Kaiser Foundation
Hospitals

Medicare Provider No. 05-0609
Kaiser Foundation Hospital
ANAHEIM

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

COMMENTS ON 1987 HCFA MORTALITY DATA

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. HCFA has failed once again to omit cancer cases hospitalized in hospice services which have not sought Medicare approval. (Regulations require that a hospital bill be submitted for such cases even though no charges are made to Medicare.) Several Kaiser Foundation Hospitals with such hospice services had substantial numbers of these hospice cases included, with predictably high death rates.

NS-5202 (3-85)

Walnut Center • Pasadena • California 91188

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3, or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussions with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists"). For this reason there is little sense in preparing detailed revisions of these faulty data, which we assume will be corrected by HCFA at some future time.

Sincerely,

R. B. Williams

Russell B. Williams
Vice President and
Regional Hospital Administrator

RBW:ath

## KAISER FOUNDATION HOSP

1200 EL CAMINO REAL
SOUTH SAN FRANCISCO, CA 94080

Medicare Hospital Provider Number: 050070

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,012 | 14 | 10 - 15 | 970 | 13 | 10 - 15 |
| Cancer | 58 | 45 | 26 - 54 | 43 | 44 | 28 - 60 |
| Cerebrovascular Accidents | 53 | 17 | 11 - 33 | 41 | 17 | 14 - 39 |
| Gastrointestinal Catastrophes | 13 | 31 | 11 - 61 | 22 | 59 | 20 - 62 |
| Infectious Disease | 15 | 33 | 13 - 60 | 12 | 42 | 14 - 67 |
| Metabolic/Electrolyte Disorders | 21 | 29 | 14 - 55 | 20 | 20 | 11 - 51 |
| Pulmonary Disease | 49 | 39 | 15 - 44 | 54 | 13 | 10 - 32 |
| Renal Failure | 4 | 100 | 15 - 83 | 7 | 14 | 8 - 72 |
| Severe Acute Heart Disease | 41 | 20 | 23 - 49 | 41 | 41 | 25 - 56 |
| Severe Chronic Heart Disease | 52 | 23 | 12 - 37 | 47 | 17 | 13 - 36 |
| Severe Trauma | 1 | 100 | 2 - 97 | 0 | - | - |
| Gastrointestinal Disease | 54 | 2 | 0 - 31 | 74 | 0 | 1 - 8 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 154 | 5 | 1 - 10 | 115 | 3 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 55 | 2 | 0 - 41 | 55 | 2 | 0 - 24 |
| Neuropsychiatric/Sensory Disease | 18 | 6 | 0 - 57 | 16 | 0 | 0 - 96 |
| Urologic Disease | 49 | 2 | 0 - 72 | 48 | 0 | 0 - 28 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 99 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0070

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland  21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

## KAISER FOUNDATION HOSP

900 KIELY BLVD
SANTA CLARA, CA 95051

Medicare Hospital Provider Number: 050071

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,566 | 14 | 10 - 15 | 1,501 | 13 | 11 - 16 |
| Cancer | 80 | 45 | 30 - 56 | 96 | 48 | 29 - 53 |
| Cerebrovascular Accidents | 59 | 34 | 14 - 39 | 48 | 21 | 14 - 39 |
| Gastrointestinal Catastrophes | 24 | 17 | 18 - 53 | 22 | 45 | 16 - 59 |
| Infectious Disease | 14 | 36 | 13 - 62 | 11 | 55 | 16 - 71 |
| Metabolic/Electrolyte Disorders | 31 | 42 | 18 - 55 | 28 | 18 | 11 - 45 |
| Pulmonary Disease | 79 | 35 | 16 - 40 | 72 | 25 | 15 - 38 |
| Renal Failure | 6 | 83 | 17 - 83 | 0 | - | - |
| Severe Acute Heart Disease | 86 | 33 | 25 - 47 | 101 | 22 | 28 - 46 |
| Severe Chronic Heart Disease | 46 | 22 | 13 - 38 | 58 | 14 | 14 - 34 |
| Severe Trauma | 2 | 0 | 0 - 93 | 3 | 67 | 1 - 87 |
| Gastrointestinal Disease | 76 | 5 | 0 - 31 | 84 | 6 | 0 - 22 |
| Gynecologic Disease | 40 | 0 | 0 -100 | 28 | 0 | 0 -100 |
| Low-Risk Heart Disease | 206 | 2 | 2 - 7 | 173 | 2 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 125 | 2 | 0 - 8 | 121 | 2 | 0 - 9 |
| Neuropsychiatric/Sensory Disease | 39 | 5 | 0 - 52 | 33 | 6 | 0 - 86 |
| Urologic Disease | 71 | 1 | 0 - 16 | 56 | 2 | 0 - 50 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 278 |
| Occupancy Rate (%): | 60 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0071

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

## KAISER FOUNDATION HOSP

1425 S MAIN ST
WALNUT CREEK, CA 94596

Medicare Hospital Provider Number: 050072

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,431 | 16 | 10 - 15 | 1,307 | 12 | 10 - 15 |
| Cancer | 82 | 60 | 30 - 55 | 71 | 54 | 29 - 55 |
| Cerebrovascular Accidents | 50 | 28 | 14 - 40 | 53 | 26 | 17 - 42 |
| Gastrointestinal Catastrophes | 14 | 43 | 9 - 60 | 15 | 47 | 14 - 64 |
| Infectious Disease | 24 | 46 | 20 - 61 | 10 | 10 | 8 - 55 |
| Metabolic/Electrolyte Disorders | 16 | 19 | 9 - 52 | 17 | 29 | 3 - 52 |
| Pulmonary Disease | 86 | 30 | 18 - 40 | 73 | 25 | 17 - 40 |
| Renal Failure | 4 | 50 | 12 - 90 | 3 | 67 | 6 - 89 |
| Severe Acute Heart Disease | 64 | 53 | 26 - 52 | 62 | 35 | 25 - 50 |
| Severe Chronic Heart Disease | 48 | 31 | 13 - 40 | 43 | 21 | 17 - 42 |
| Severe Trauma | 1 | 100 | 0 - 98 | 4 | 0 | 7 - 73 |
| Gastrointestinal Disease | 85 | 5 | 0 - 19 | 84 | 0 | 2 - 7 |
| Gynecologic Disease | 21 | 0 | 0 -100 | 18 | 0 | 0 -100 |
| Low-Risk Heart Disease | 114 | 6 | 1 - 13 | 135 | 4 | 2 - 10 |
| Musculoskeletal/Skin Conditions | 115 | 3 | 0 - 17 | 125 | 1 | 0 - 8 |
| Neuropsychiatric/Sensory Disease | 24 | 13 | 0 - 87 | 19 | 0 | 0 - 45 |
| Urologic Disease | 64 | 5 | 0 - 86 | 64 | 3 | 0 - 42 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 179 |
| Occupancy Rate (%): | 65 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 158 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | Yes |

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0072

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

## KAISER FOUNDATION HOSP

975 SERENO DR
VALLEJO, CA 94590

Medicare Hospital Provider Number: 050073

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,869 | 12 | 9 - 14 | 1,724 | 12 | 9 - 14 |
| Cancer | 78 | 42 | 29 - 54 | 64 | 47 | 25 - 53 |
| Cerebrovascular Accidents | 65 | 22 | 16 - 37 | 62 | 19 | 14 - 35 |
| Gastrointestinal Catastrophes | 24 | 38 | 17 - 58 | 18 | 44 | 17 - 63 |
| Infectious Disease | 23 | 43 | 15 - 57 | 29 | 45 | 21 - 59 |
| Metabolic/Electrolyte Disorders | 30 | 37 | 13 - 51 | 28 | 25 | 13 - 49 |
| Pulmonary Disease | 97 | 33 | 16 - 37 | 93 | 33 | 17 - 39 |
| Renal Failure | 7 | 57 | 13 - 82 | 5 | 80 | 10 - 81 |
| Severe Acute Heart Disease | 71 | 30 | 25 - 48 | 61 | 36 | 24 - 50 |
| Severe Chronic Heart Disease | 85 | 20 | 13 - 32 | 74 | 26 | 16 - 37 |
| Severe Trauma | 2 | 0 | 0 - 92 | 2 | 50 | 0 - 95 |
| Gastrointestinal Disease | 100 | 4 | 0 - 13 | 96 | 1 | 0 - 9 |
| Gynecologic Disease | 32 | 0 | 0 -100 | 29 | 0 | 0 -100 |
| Low-Risk Heart Disease | 175 | 3 | 1 - 8 | 180 | 3 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 187 | 1 | 1 - 5 | 151 | 0 | 0 - 5 |
| Neuropsychiatric/Sensory Disease | 28 | 0 | 0 - 36 | 25 | 8 | 0 - 94 |
| Urologic Disease | 110 | 2 | 0 - 24 | 86 | 1 | 0 - 15 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 231
Occupancy Rate (%): (not available)
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0073

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Joint Administrative Division for Kaiser Found Hospitals and The Permanente Medical Group, Inc.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

## KAISER FOUNDATION HOSP

1330 CUTTING BLVD
RICHMOND, CA 94804

Medicare Hospital Provider Number: 050074

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 405 | 15 | 10 - 18 | 380 | 17 | 12 - 20 |
| Cancer | 6 | 33 | 14 - 80 | 4 | 50 | 14 - 89 |
| Cerebrovascular Accidents | 41 | 29 | 12 - 41 | 19 | 37 | 11 - 54 |
| Gastrointestinal Catastrophes | 3 | 67 | 7 - 88 | 3 | 100 | 9 - 82 |
| Infectious Disease | 3 | 33 | 4 - 86 | 2 | 0 | 3 - 88 |
| Metabolic/Electrolyte Disorders | 13 | 23 | 5 - 55 | 15 | 60 | 22 - 70 |
| Pulmonary Disease | 28 | 39 | 13 - 49 | 35 | 26 | 18 - 48 |
| Renal Failure | 2 | 50 | 4 - 93 | 5 | 100 | 23 - 86 |
| Severe Acute Heart Disease | 24 | 58 | 18 - 57 | 14 | 21 | 17 - 60 |
| Severe Chronic Heart Disease | 26 | 8 | 12 - 37 | 38 | 21 | 10 - 38 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 15 | 0 | 0 - 79 | 11 | 0 | 0 - 74 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 48 | 2 | 0 - 20 | 48 | 0 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 31 | 0 | 1 - 18 | 20 | 0 | 1 - 26 |
| Neuropsychiatric/Sensory Disease | 10 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Urologic Disease | 5 | 0 | 0 -100 | 4 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 40 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0074

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Joint Administrative Division for Kaiser Foundation Hospitals and The Permanente Medical Group, Inc.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

## KAISER FOUNDATION HOSP

280 W MAC ARTHUR BLVD
OAKLAND, CA 94611

Medicare Hospital Provider Number: 050075

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,013 | 15 | 10 - 14 | 2,117 | 16 | 11 - 15 |
| Cancer | 120 | 71 | 32 - 53 | 102 | 59 | 31 - 55 |
| Cerebrovascular Accidents | 84 | 12 | 16 - 32 | 95 | 19 | 16 - 34 |
| Gastrointestinal Catastrophes | 31 | 26 | 23 - 58 | 40 | 35 | 17 - 51 |
| Infectious Disease | 11 | 64 | 18 - 72 | 21 | 71 | 15 - 56 |
| Metabolic/Electrolyte Disorders | 28 | 50 | 14 - 53 | 41 | 29 | 14 - 46 |
| Pulmonary Disease | 98 | 29 | 14 - 34 | 113 | 36 | 17 - 37 |
| Renal Failure | 7 | 71 | 13 - 80 | 14 | 57 | 17 - 77 |
| Severe Acute Heart Disease | 67 | 37 | 26 - 50 | 93 | 26 | 26 - 46 |
| Severe Chronic Heart Disease | 86 | 20 | 16 - 34 | 89 | 22 | 15 - 34 |
| Severe Trauma | 4 | 0 | 6 - 72 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 106 | 4 | 0 - 13 | 100 | 3 | 1 - 11 |
| Gynecologic Disease | 22 | 0 | 0 -100 | 21 | 0 | 0 -100 |
| Low-Risk Heart Disease | 150 | 4 | 1 - 9 | 182 | 4 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 211 | 2 | 1 - 6 | 193 | 4 | 0 - 11 |
| Neuropsychiatric/Sensory Disease | 107 | 5 | 0 - 21 | 76 | 3 | 0 - 21 |
| Urologic Disease | 157 | 1 | 0 - 8 | 103 | 1 | 0 - 20 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 245 |
| Occupancy Rate (%): | 74 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0075

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Joint Administrative Division for Kaiser Foundation Hospitals and The Permanente Medical Group, Inc.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

## KAISER FOUNDATION HOSP

2425 GEARY BLVD
SAN FRANCISCO, CA 94115

Medicare Hospital Provider Number: 050076

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,013 | 10 | 10 - 14 | 1,951 | 11 | 10 - 14 |
| Cancer | 97 | 44 | 29 - 53 | 101 | 48 | 31 - 54 |
| Cerebrovascular Accidents | 62 | 21 | 15 - 37 | 75 | 24 | 16 - 37 |
| Gastrointestinal Catastrophes | 24 | 29 | 20 - 59 | 22 | 23 | 15 - 54 |
| Infectious Disease | 14 | 57 | 13 - 63 | 20 | 50 | 13 - 58 |
| Metabolic/Electrolyte Disorders | 26 | 23 | 13 - 49 | 10 | 10 | 3 - 54 |
| Pulmonary Disease | 75 | 23 | 16 - 38 | 69 | 26 | 16 - 39 |
| Renal Failure | 10 | 40 | 11 - 74 | 15 | 47 | 17 - 76 |
| Severe Acute Heart Disease | 57 | 30 | 27 - 52 | 83 | 36 | 27 - 49 |
| Severe Chronic Heart Disease | 94 | 20 | 16 - 34 | 77 | 18 | 15 - 34 |
| Severe Trauma | 1 | 0 | 0 - 98 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 80 | 0 | 1 - 7 | 93 | 3 | 1 - 11 |
| Gynecologic Disease | 17 | 0 | 0 -100 | 14 | 0 | 0 -100 |
| Low-Risk Heart Disease | 299 | 2 | 2 - 6 | 297 | 2 | 1 - 6 |
| Musculoskeletal/Skin Conditions | 160 | 3 | 0 - 9 | 153 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 75 | 5 | 0 - 19 | 79 | 3 | 1 - 12 |
| Urologic Disease | 48 | 2 | 0 - 33 | 62 | 0 | 0 - 12 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 264 |
| Occupancy Rate (%): | 77 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0076

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Joint Administrative Division for Kaiser Foundation Hospitals and The Permanente Medical Group, Inc.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

## KAISER FOUNDATION HOSP

13652 CANTARA ST
PANORAMA CITY, CA 91402

Medicare Hospital Provider Number: 050137

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,076 | 9 | 9 - 13 | 2,300 | 10 | 9 - 14 |
| Cancer | 70 | 27 | 23 - 47 | 98 | 38 | 26 - 50 |
| Cerebrovascular Accidents | 73 | 18 | 16 - 35 | 95 | 13 | 17 - 33 |
| Gastrointestinal Catastrophes | 21 | 24 | 14 - 54 | 22 | 41 | 15 - 58 |
| Infectious Disease | 28 | 32 | 13 - 50 | 20 | 20 | 19 - 58 |
| Metabolic/Electrolyte Disorders | 37 | 19 | 13 - 44 | 26 | 46 | 11 - 52 |
| Pulmonary Disease | 73 | 27 | 15 - 38 | 108 | 21 | 15 - 34 |
| Renal Failure | 4 | 0 | 1 - 80 | 8 | 38 | 14 - 81 |
| Severe Acute Heart Disease | 96 | 25 | 29 - 49 | 135 | 23 | 29 - 46 |
| Severe Chronic Heart Disease | 91 | 18 | 15 - 32 | 90 | 23 | 15 - 34 |
| Severe Trauma | 0 | - | - | 4 | 25 | 1 - 84 |
| Gastrointestinal Disease | 140 | 1 | 1 - 6 | 171 | 2 | 1 - 7 |
| Gynecologic Disease | 32 | 0 | 0 -100 | 20 | 0 | 0 -100 |
| Low-Risk Heart Disease | 269 | 2 | 2 - 6 | 307 | 1 | 2 - 5 |
| Musculoskeletal/Skin Conditions | 213 | 2 | 0 - 7 | 231 | 2 | 0 - 6 |
| Neuropsychiatric/Sensory Disease | 51 | 6 | 0 - 55 | 71 | 0 | 0 - 10 |
| Urologic Disease | 119 | 1 | 0 - 10 | 93 | 0 | 0 - 13 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 331 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 249 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 0 |
| Registered Nurses: | 177 |
| Licensed Practical Nurses: | 100 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | Yes |

KAISER PERMANENTE
Kaiser Foundation
Hospitals

Medicare Provider No. 05-0137
Kaiser Foundation Hospital
PANORAMA CITY

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

COMMENTS ON 1987 HCFA MORTALITY DATA

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. HCFA has failed once again to omit cancer cases hospitalized in hospice services which have not sought Medicare approval. (Regulations require that a hospital bill be submitted for such cases even though no charges are made to Medicare.) Several Kaiser Foundation Hospitals with such hospice services had substantial numbers of these hospice cases included, with predictably high death rates.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3, or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussions with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists"). For this reason there is little sense in preparing detailed revisions of these faulty data, which we assume will be corrected by HCFA at some future time.

Sincerely,

RBWilliams

Russell B. Williams
Vice President and
Regional Hospital Administrator

RBW:ath

## KAISER FOUNDATION HOSP

4867 SUNSET BLVD
LOS ANGELES, CA 90027

Medicare Hospital Provider Number: 050138

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,012 | 11 | 10 - 14 | 3,272 | 10 | 11 - 15 |
| Cancer | 137 | 46 | 31 - 53 | 150 | 43 | 30 - 51 |
| Cerebrovascular Accidents | 118 | 17 | 17 - 33 | 147 | 15 | 19 - 33 |
| Gastrointestinal Catastrophes | 33 | 30 | 23 - 58 | 40 | 35 | 23 - 57 |
| Infectious Disease | 40 | 45 | 23 - 57 | 37 | 30 | 21 - 54 |
| Metabolic/Electrolyte Disorders | 67 | 19 | 18 - 44 | 57 | 28 | 17 - 46 |
| Pulmonary Disease | 143 | 31 | 21 - 39 | 124 | 22 | 19 - 37 |
| Renal Failure | 14 | 50 | 17 - 76 | 10 | 80 | 19 - 79 |
| Severe Acute Heart Disease | 106 | 31 | 26 - 47 | 140 | 26 | 31 - 48 |
| Severe Chronic Heart Disease | 103 | 22 | 15 - 33 | 166 | 17 | 20 - 33 |
| Severe Trauma | 7 | 29 | 8 - 71 | 10 | 20 | 10 - 64 |
| Gastrointestinal Disease | 157 | 4 | 1 - 9 | 141 | 1 | 1 - 6 |
| Gynecologic Disease | 27 | 0 | 0 -100 | 48 | 0 | 0 -100 |
| Low-Risk Heart Disease | 403 | 3 | 2 - 6 | 418 | 3 | 3 - 7 |
| Musculoskeletal/Skin Conditions | 211 | 0 | 1 - 5 | 243 | 3 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 145 | 4 | 1 - 10 | 169 | 1 | 1 - 6 |
| Urologic Disease | 191 | 1 | 0 - 8 | 175 | 1 | 0 - 9 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 548 |
| Occupancy Rate (%): | 66 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 429 |
| Percent of Physicians Who Are Board Certified Specialists: | 79 |
| Interns and Residents: | 143 |
| Registered Nurses: | 747 |
| Licensed Practical Nurses: | 92 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

KAISER PERMANENTE
Kaiser Foundation
Hospitals

Medicare Provider No. 05-0138
Kaiser Foundation Hospital
LOS ANGELES

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

COMMENTS ON 1987 HCFA MORTALITY DATA

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. HCFA has failed once again to omit cancer cases hospitalized in hospice services which have not sought Medicare approval. (Regulations require that a hospital bill be submitted for such cases even though no charges are made to Medicare.) Several Kaiser Foundation Hospitals with such hospice services had substantial numbers of these hospice cases included, with predictably high death rates.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3, or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussions with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists"). For this reason there is little sense in preparing detailed revisions of these faulty data, which we assume will be corrected by HCFA at some future time.

Sincerely,

R.B. Williams

Russell B. Williams
Vice President and
Regional Hospital Administrator

RBW:ath

## KAISER FOUNDATION HOSP

9400 E ROSECRANS AVE
BELLFLOWER, CA 90706

Medicare Hospital Provider Number: 050139

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,845 | 12 | 10 - 14 | 1,854 | 10 | 10 - 15 |
| Cancer | 86 | 41 | 27 - 52 | 95 | 39 | 28 - 52 |
| Cerebrovascular Accidents | 64 | 25 | 15 - 37 | 62 | 18 | 16 - 37 |
| Gastrointestinal Catastrophes | 17 | 35 | 18 - 64 | 20 | 45 | 14 - 58 |
| Infectious Disease | 15 | 40 | 12 - 61 | 12 | 33 | 12 - 64 |
| Metabolic/Electrolyte Disorders | 20 | 10 | 15 - 49 | 19 | 26 | 5 - 50 |
| Pulmonary Disease | 97 | 32 | 15 - 37 | 88 | 22 | 15 - 36 |
| Renal Failure | 16 | 31 | 12 - 68 | 20 | 35 | 13 - 68 |
| Severe Acute Heart Disease | 92 | 27 | 25 - 46 | 114 | 21 | 29 - 46 |
| Severe Chronic Heart Disease | 97 | 19 | 16 - 33 | 98 | 26 | 16 - 35 |
| Severe Trauma | 1 | 100 | 0 - 97 | 0 | - | - |
| Gastrointestinal Disease | 113 | 4 | 0 - 12 | 108 | 2 | 1 - 9 |
| Gynecologic Disease | 20 | 0 | 0 -100 | 19 | 0 | 0 -100 |
| Low-Risk Heart Disease | 205 | 1 | 1 - 6 | 203 | 2 | 1 - 6 |
| Musculoskeletal/Skin Conditions | 161 | 3 | 0 - 10 | 180 | 2 | 0 - 8 |
| Neuropsychiatric/Sensory Disease | 52 | 8 | 0 - 30 | 38 | 3 | 0 - 37 |
| Urologic Disease | 132 | 0 | 0 - 8 | 120 | 0 | 0 - 9 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 356 |
| Occupancy Rate (%): | 64 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 221 |
| Percent of Physicians Who Are Board Certified Specialists: | 77 |
| Interns and Residents: | 0 |
| Registered Nurses: | 347 |
| Licensed Practical Nurses: | 113 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | Yes |

KAISER PERMANENTE
Kaiser Foundation
Hospitals

Medicare Provider No. 05-0139
Kaiser Foundation Hospital
BELLFLOWER

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

COMMENTS ON 1987 HCFA MORTALITY DATA

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. HCFA has failed once again to omit cancer cases hospitalized in hospice services which have not sought Medicare approval. (Regulations require that a hospital bill be submitted for such cases even though no charges are made to Medicare.) Several Kaiser Foundation Hospitals with such hospice services had substantial numbers of these hospice cases included, with predictably high death rates.

NS-5202 (3-85)

Walnut Center • Pasadena • California 91188

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3, or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussions with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists"). For this reason there is little sense in preparing detailed revisions of these faulty data, which we assume will be corrected by HCFA at some future time.

Sincerely,

R. B. Williams

Russell B. Williams
Vice President and
Regional Hospital Administrator

RBW:ath

## KAISER FOUNDATION HOSP

1100 W PACIFIC COST HWY
HARBOR CITY, CA 90710

Medicare Hospital Provider Number: 050411

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,688 | 11 | 10 - 15 | 1,813 | 12 | 11 - 15 |
| Cancer | 72 | 38 | 29 - 55 | 92 | 36 | 27 - 51 |
| Cerebrovascular Accidents | 78 | 18 | 18 - 37 | 76 | 28 | 18 - 40 |
| Gastrointestinal Catastrophes | 16 | 19 | 17 - 59 | 16 | 44 | 18 - 66 |
| Infectious Disease | 27 | 37 | 18 - 56 | 23 | 35 | 16 - 57 |
| Metabolic/Electrolyte Disorders | 23 | 48 | 11 - 53 | 21 | 19 | 10 - 48 |
| Pulmonary Disease | 84 | 27 | 19 - 41 | 66 | 27 | 16 - 40 |
| Renal Failure | 6 | 50 | 9 - 81 | 7 | 71 | 14 - 82 |
| Severe Acute Heart Disease | 57 | 16 | 25 - 47 | 102 | 30 | 29 - 49 |
| Severe Chronic Heart Disease | 82 | 27 | 17 - 37 | 86 | 22 | 15 - 34 |
| Severe Trauma | 1 | 0 | 0 - 99 | 2 | 50 | 2 - 92 |
| Gastrointestinal Disease | 117 | 3 | 1 - 9 | 113 | 4 | 1 - 12 |
| Gynecologic Disease | 19 | 0 | 0 -100 | 14 | 0 | 0 -100 |
| Low-Risk Heart Disease | 206 | 4 | 1 - 8 | 223 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 129 | 0 | 1 - 5 | 154 | 1 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 43 | 7 | 0 - 28 | 42 | 2 | 0 - 27 |
| Urologic Disease | 101 | 2 | 0 - 17 | 82 | 0 | 0 - 14 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 231 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 151 |
| Percent of Physicians Who Are Board Certified Specialists: | 74 |
| Interns and Residents: | 0 |
| Registered Nurses: | 241 |
| Licensed Practical Nurses: | 63 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

KAISER PERMANENTE
Kaiser Foundation
Hospitals

Medicare Provider No. 05-0411
Kaiser Foundation Hospital
HARBOR CITY

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

COMMENTS ON 1987 HCFA MORTALITY DATA

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. HCFA has failed once again to omit cancer cases hospitalized in hospice services which have not sought Medicare approval. (Regulations require that a hospital bill be submitted for such cases even though no charges are made to Medicare.) Several Kaiser Foundation Hospitals with such hospice services had substantial numbers of these hospice cases included, with predictably high death rates.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3, or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussions with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists"). For this reason there is little sense in preparing detailed revisions of these faulty data, which we assume will be corrected by HCFA at some future time.

Sincerely,

R.B. Williams

Russell B. Williams
Vice President and
Regional Hospital Administrator

RBW:ath

## KAISER FOUNDATION HOSP

2025 MORSE AVE
SACRAMENTO, CA 95825

Medicare Hospital Provider Number: 050425

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,987 | 11 | 9 - 13 | 2,800 | 12 | 9 - 13 |
| Cancer | 209 | 56 | 29 - 48 | 191 | 48 | 32 - 52 |
| Cerebrovascular Accidents | 94 | 22 | 14 - 33 | 87 | 26 | 13 - 34 |
| Gastrointestinal Catastrophes | 34 | 32 | 16 - 51 | 26 | 31 | 16 - 54 |
| Infectious Disease | 22 | 36 | 17 - 58 | 23 | 30 | 15 - 54 |
| Metabolic/Electrolyte Disorders | 24 | 29 | 10 - 50 | 31 | 29 | 15 - 51 |
| Pulmonary Disease | 130 | 20 | 14 - 32 | 126 | 23 | 15 - 33 |
| Renal Failure | 22 | 27 | 12 - 64 | 17 | 18 | 11 - 64 |
| Severe Acute Heart Disease | 97 | 34 | 26 - 47 | 108 | 31 | 24 - 44 |
| Severe Chronic Heart Disease | 109 | 16 | 15 - 31 | 85 | 24 | 15 - 35 |
| Severe Trauma | 2 | 50 | 2 - 92 | 5 | 0 | 5 - 65 |
| Gastrointestinal Disease | 156 | 1 | 1 - 7 | 160 | 4 | 0 - 12 |
| Gynecologic Disease | 66 | 0 | 0 - 97 | 41 | 0 | 0 -100 |
| Low-Risk Heart Disease | 266 | 3 | 1 - 6 | 240 | 4 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 336 | 1 | 0 - 5 | 285 | 1 | 0 - 5 |
| Neuropsychiatric/Sensory Disease | 74 | 4 | 0 - 19 | 77 | 9 | 0 - 28 |
| Urologic Disease | 187 | 1 | 0 - 12 | 158 | 2 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 324
Occupancy Rate (%): 80
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0425

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

## KAISER FOUNDATION HOSP

99 MONTICELLO RD
SAN RAFAEL, CA 94903

Medicare Hospital Provider Number: 050510

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,199 | 10 | 9 - 14 | 1,202 | 11 | 10 - 15 |
| Cancer | 62 | 37 | 26 - 53 | 64 | 55 | 28 - 56 |
| Cerebrovascular Accidents | 62 | 24 | 16 - 39 | 48 | 15 | 16 - 38 |
| Gastrointestinal Catastrophes | 14 | 29 | 11 - 60 | 19 | 53 | 17 - 62 |
| Infectious Disease | 11 | 9 | 14 - 57 | 12 | 33 | 12 - 64 |
| Metabolic/Electrolyte Disorders | 18 | 33 | 6 - 53 | 20 | 45 | 8 - 54 |
| Pulmonary Disease | 41 | 32 | 13 - 43 | 57 | 23 | 14 - 39 |
| Renal Failure | 1 | 0 | 1 - 97 | 1 | 0 | 2 - 97 |
| Severe Acute Heart Disease | 36 | 28 | 23 - 53 | 30 | 33 | 22 - 56 |
| Severe Chronic Heart Disease | 40 | 17 | 14 - 39 | 49 | 16 | 13 - 35 |
| Severe Trauma | 4 | 50 | 4 - 82 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 72 | 7 | 1 - 18 | 63 | 2 | 1 - 12 |
| Gynecologic Disease | 21 | 0 | 0 -100 | 16 | 0 | 0 -100 |
| Low-Risk Heart Disease | 86 | 1 | 1 - 9 | 108 | 6 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 145 | 3 | 1 - 9 | 148 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 40 | 2 | 1 - 19 | 45 | 2 | 0 - 25 |
| Urologic Disease | 84 | 1 | 0 - 14 | 58 | 0 | 0 - 37 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 93 |
| Occupancy Rate (%): | 73 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 0 |
| Registered Nurses: | 67 |
| Licensed Practical Nurses: | 15 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0510

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Joint Administrative Division for Kaiser Foundation Hospitals and The Permanente Medical Group, Inc.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

## KAISER FOUNDATION HOSP

27400 HESPERIAN BLVD
HAYWARD, CA 94545

Medicare Hospital Provider Number: 050512

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,648 | 9 | 8 - 12 | 1,416 | 10 | 9 - 14 |
| Cancer | 68 | 44 | 23 - 50 | 52 | 31 | 23 - 52 |
| Cerebrovascular Accidents | 55 | 18 | 14 - 36 | 46 | 17 | 16 - 39 |
| Gastrointestinal Catastrophes | 19 | 37 | 12 - 57 | 13 | 38 | 13 - 65 |
| Infectious Disease | 22 | 27 | 20 - 59 | 15 | 47 | 14 - 63 |
| Metabolic/Electrolyte Disorders | 21 | 19 | 9 - 48 | 12 | 33 | 3 - 60 |
| Pulmonary Disease | 57 | 19 | 14 - 37 | 61 | 20 | 15 - 38 |
| Renal Failure | 5 | 0 | 8 - 71 | 6 | 50 | 12 - 84 |
| Severe Acute Heart Disease | 54 | 19 | 25 - 48 | 71 | 25 | 24 - 47 |
| Severe Chronic Heart Disease | 71 | 10 | 14 - 31 | 65 | 28 | 12 - 36 |
| Severe Trauma | 2 | 0 | 2 - 89 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 133 | 4 | 0 - 13 | 102 | 3 | 0 - 12 |
| Gynecologic Disease | 39 | 0 | 0 -100 | 16 | 6 | 0 -100 |
| Low-Risk Heart Disease | 199 | 5 | 1 - 8 | 177 | 3 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 125 | 2 | 1 - 9 | 112 | 4 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 40 | 10 | 0 - 52 | 34 | 6 | 0 - 72 |
| Urologic Disease | 73 | 0 | 0 - 13 | 60 | 0 | 0 - 21 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 193 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0512

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

# KAISER FOUNDATION HOSP

4647 ZION AVE
SAN DIEGO, CA 92120

Medicare Hospital Provider Number: 050515

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,332 | 9 | 8 - 12 | 2,071 | 12 | 9 - 13 |
| Cancer | 119 | 35 | 25 - 47 | 128 | 54 | 28 - 50 |
| Cerebrovascular Accidents | 104 | 15 | 16 - 32 | 67 | 22 | 15 - 37 |
| Gastrointestinal Catastrophes | 31 | 32 | 15 - 51 | 41 | 20 | 20 - 50 |
| Infectious Disease | 14 | 43 | 19 - 68 | 20 | 60 | 20 - 64 |
| Metabolic/Electrolyte Disorders | 23 | 43 | 12 - 54 | 29 | 31 | 16 - 53 |
| Pulmonary Disease | 101 | 21 | 15 - 34 | 73 | 29 | 15 - 38 |
| Renal Failure | 13 | 31 | 9 - 68 | 9 | 44 | 19 - 84 |
| Severe Acute Heart Disease | 74 | 22 | 24 - 45 | 51 | 29 | 25 - 51 |
| Severe Chronic Heart Disease | 75 | 21 | 14 - 34 | 67 | 30 | 13 - 36 |
| Severe Trauma | 3 | 33 | 3 - 86 | 3 | 0 | 2 - 81 |
| Gastrointestinal Disease | 144 | 3 | 0 - 9 | 129 | 2 | 1 - 8 |
| Gynecologic Disease | 36 | 0 | 0 -100 | 41 | 0 | 0 -100 |
| Low-Risk Heart Disease | 214 | 4 | 1 - 8 | 173 | 1 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 314 | 2 | 0 - 5 | 264 | 1 | 0 - 5 |
| Neuropsychiatric/Sensory Disease | 60 | 2 | 0 - 14 | 48 | 4 | 0 - 44 |
| Urologic Disease | 169 | 1 | 0 - 12 | 154 | 1 | 0 - 16 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 285 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 22 |
| Licensed Practical Nurses: | 8 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | Yes |

KAISER PERMANENTE
Kaiser Foundation
Hospitals

Medicare Provider No. 05-0515
Kaiser Foundation Hospital
SAN DIEGO

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

COMMENTS ON 1987 HCFA MORTALITY DATA

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. HCFA has failed once again to omit cancer cases hospitalized in hospice services which have not sought Medicare approval. (Regulations require that a hospital bill be submitted for such cases even though no charges are made to Medicare.) Several Kaiser Foundation Hospitals with such hospice services had substantial numbers of these hospice cases included, with predictably high death rates.

NS-5202 (3-85)

Walnut Center • Pasadena • California 91188

Medicare Provider No. 05-0515
Kaiser Foundation Hospital
SAN DIEGO

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3, or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussions with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists"). For this reason there is little sense in preparing detailed revisions of these faulty data, which we assume will be corrected by HCFA at some future time.

Sincerely,

R. B. Williams

Russell B. Williams
Vice President and
Regional Hospital Administrator

RBW:ath

## KAISER FOUNDATION HOSP

1150 VETERANS BLVD
REDWOOD CITY, CA 94063

Medicare Hospital Provider Number: 050541

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,132 | 10 | 9 - 14 | 1,098 | 10 | 9 - 14 |
| Cancer | 50 | 44 | 23 - 53 | 51 | 57 | 25 - 55 |
| Cerebrovascular Accidents | 63 | 22 | 14 - 36 | 80 | 13 | 18 - 35 |
| Gastrointestinal Catastrophes | 9 | 56 | 12 - 71 | 14 | 21 | 15 - 61 |
| Infectious Disease | 10 | 20 | 10 - 62 | 10 | 20 | 12 - 64 |
| Metabolic/Electrolyte Disorders | 7 | 29 | 2 - 72 | 7 | 0 | 3 - 55 |
| Pulmonary Disease | 37 | 16 | 15 - 41 | 41 | 15 | 12 - 37 |
| Renal Failure | 7 | 29 | 11 - 78 | 1 | 100 | 1 - 97 |
| Severe Acute Heart Disease | 39 | 10 | 25 - 47 | 43 | 28 | 22 - 51 |
| Severe Chronic Heart Disease | 45 | 33 | 12 - 40 | 31 | 42 | 12 - 47 |
| Severe Trauma | 12 | 33 | 6 - 61 | 8 | 13 | 7 - 62 |
| Gastrointestinal Disease | 37 | 0 | 0 - 20 | 37 | 3 | 0 - 37 |
| Gynecologic Disease | 8 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 97 | 5 | 0 - 15 | 103 | 5 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 167 | 2 | 0 - 8 | 185 | 1 | 0 - 5 |
| Neuropsychiatric/Sensory Disease | 53 | 6 | 0 - 40 | 49 | 2 | 0 - 32 |
| Urologic Disease | 55 | 0 | 0 - 20 | 40 | 0 | 0 - 67 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 150 |
| Occupancy Rate (%): | 71 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 0 |
| Registered Nurses: | 250 |
| Licensed Practical Nurses: | 21 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0541

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Joint Administrative Division for Kaiser Foundation Hospitals and The Permanente Medical Group, Inc.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

## KAISER FOUNDATION HOSP

6041 CADILLAC AVE
LOS ANGELES, CA 90034

Medicare Hospital Provider Number: 050561

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,853 | 10 | 10 - 14 | 1,916 | 10 | 10 - 15 |
| Cancer | 75 | 47 | 25 - 51 | 70 | 39 | 25 - 51 |
| Cerebrovascular Accidents | 79 | 13 | 17 - 34 | 72 | 14 | 17 - 35 |
| Gastrointestinal Catastrophes | 15 | 47 | 17 - 66 | 14 | 21 | 18 - 63 |
| Infectious Disease | 19 | 37 | 16 - 60 | 28 | 46 | 22 - 60 |
| Metabolic/Electrolyte Disorders | 29 | 28 | 13 - 50 | 28 | 43 | 10 - 50 |
| Pulmonary Disease | 93 | 34 | 16 - 38 | 79 | 43 | 18 - 42 |
| Renal Failure | 5 | 40 | 9 - 83 | 3 | 100 | 11 - 86 |
| Severe Acute Heart Disease | 77 | 26 | 29 - 51 | 96 | 19 | 28 - 47 |
| Severe Chronic Heart Disease | 118 | 15 | 15 - 30 | 110 | 20 | 18 - 35 |
| Severe Trauma | 0 | - | - | 3 | 0 | 4 - 79 |
| Gastrointestinal Disease | 122 | 2 | 1 - 9 | 121 | 2 | 1 - 9 |
| Gynecologic Disease | 19 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Low-Risk Heart Disease | 250 | 3 | 2 - 7 | 263 | 2 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 113 | 1 | 1 - 7 | 109 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 70 | 3 | 0 - 20 | 61 | 5 | 0 - 29 |
| Urologic Disease | 80 | 0 | 0 - 11 | 104 | 2 | 0 - 28 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 254 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 173 |
| Percent of Physicians Who Are Board Certified Specialists: | 85 |
| Interns and Residents: | 5 |
| Registered Nurses: | 229 |
| Licensed Practical Nurses: | 51 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

KAISER PERMANENTE
Kaiser Foundation
Hospitals

Medicare Provider No. 05-0561
Kaiser Foundation Hospital
WEST LOS ANGELES

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

COMMENTS ON 1987 HCFA MORTALITY DATA

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. HCFA has failed once again to omit cancer cases hospitalized in hospice services which have not sought Medicare approval. (Regulations require that a hospital bill be submitted for such cases even though no charges are made to Medicare.) Several Kaiser Foundation Hospitals with such hospice services had substantial numbers of these hospice cases included, with predictably high death rates.

NS-5202 (5-85)

Walnut Center • Pasadena • California 91188

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3, or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussions with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists"). For this reason there is little sense in preparing detailed revisions of these faulty data, which we assume will be corrected by HCFA at some future time.

Sincerely,

R.B. Williams

Russell B. Williams
Vice President and
Regional Hospital Administrator

RBW:ath

## KAISER FOUNDATION HOSP

200 MUIR RD
MARTINEZ, CA 94553

Medicare Hospital Provider Number: 050635

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 865 | 15 | 10 - 15 | 814 | 12 | 9 - 15 |
| Cancer | 51 | 59 | 25 - 55 | 41 | 37 | 21 - 53 |
| Cerebrovascular Accidents | 38 | 13 | 13 - 37 | 34 | 12 | 13 - 38 |
| Gastrointestinal Catastrophes | 15 | 33 | 13 - 61 | 14 | 36 | 10 - 61 |
| Infectious Disease | 7 | 43 | 9 - 73 | 6 | 50 | 8 - 77 |
| Metabolic/Electrolyte Disorders | 9 | 22 | 5 - 62 | 14 | 29 | 8 - 57 |
| Pulmonary Disease | 59 | 44 | 15 - 42 | 45 | 27 | 9 - 38 |
| Renal Failure | 3 | 100 | 10 - 85 | 5 | 40 | 6 - 82 |
| Severe Acute Heart Disease | 35 | 29 | 19 - 50 | 42 | 24 | 21 - 48 |
| Severe Chronic Heart Disease | 38 | 37 | 10 - 42 | 32 | 31 | 10 - 43 |
| Severe Trauma | 1 | 0 | 0 - 99 | 0 | - | - |
| Gastrointestinal Disease | 49 | 0 | 0 - 14 | 47 | 6 | 0 - 70 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 95 | 3 | 1 - 12 | 107 | 4 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 52 | 0 | 0 - 15 | 65 | 3 | 0 - 27 |
| Neuropsychiatric/Sensory Disease | 16 | 0 | 0 - 45 | 17 | 6 | 0 - 87 |
| Urologic Disease | 56 | 0 | 0 - 44 | 54 | 0 | 0 - 21 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 113 |
| Occupancy Rate (%): | 78 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0635

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland  21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

## KAISER FOUNDATION HOSP - FONTANA

9961 SIERRA AVE
FONTANA, CA 92335

Medicare Hospital Provider Number: 050140

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,251 | 12 | 10 - 14 | 3,353 | 12 | 11 - 15 |
| Cancer | 149 | 34 | 27 - 47 | 156 | 35 | 28 - 49 |
| Cerebrovascular Accidents | 149 | 17 | 18 - 33 | 156 | 27 | 18 - 34 |
| Gastrointestinal Catastrophes | 42 | 48 | 22 - 56 | 38 | 29 | 20 - 54 |
| Infectious Disease | 45 | 44 | 22 - 54 | 37 | 54 | 26 - 61 |
| Metabolic/Electrolyte Disorders | 35 | 34 | 14 - 49 | 55 | 36 | 15 - 46 |
| Pulmonary Disease | 177 | 31 | 18 - 35 | 163 | 26 | 15 - 32 |
| Renal Failure | 13 | 46 | 15 - 75 | 13 | 54 | 15 - 75 |
| Severe Acute Heart Disease | 154 | 31 | 28 - 45 | 187 | 26 | 30 - 46 |
| Severe Chronic Heart Disease | 143 | 29 | 16 - 33 | 164 | 27 | 18 - 33 |
| Severe Trauma | 6 | 17 | 6 - 70 | 7 | 14 | 5 - 65 |
| Gastrointestinal Disease | 195 | 2 | 1 - 7 | 210 | 4 | 1 - 8 |
| Gynecologic Disease | 33 | 0 | 0 -100 | 33 | 0 | 0 -100 |
| Low-Risk Heart Disease | 460 | 5 | 2 - 7 | 452 | 2 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 258 | 2 | 1 - 6 | 249 | 3 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 78 | 5 | 1 - 17 | 102 | 3 | 1 - 11 |
| Urologic Disease | 169 | 1 | 0 - 8 | 163 | 1 | 0 - 8 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 460 |
| Occupancy Rate (%): | 70 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 276 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 18 |
| Registered Nurses: | 418 |
| Licensed Practical Nurses: | 124 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

KAISER PERMANENTE
Kaiser Foundation
Hospitals

Medicare Provider No. 05-0140
Kaiser Foundation Hospital
FONTANA

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

COMMENTS ON 1987 HCFA MORTALITY DATA

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. HCFA has failed once again to omit cancer cases hospitalized in hospice services which have not sought Medicare approval. (Regulations require that a hospital bill be submitted for such cases even though no charges are made to Medicare.) Several Kaiser Foundation Hospitals with such hospice services had substantial numbers of these hospice cases included, with predictably high death rates.

NS-5202 (3-85)

Walnut Center • Pasadena • California 91188

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3, or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussions with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists"). For this reason there is little sense in preparing detailed revisions of these faulty data, which we assume will be corrected by HCFA at some future time.

Sincerely,

RB. Williams

Russell B. Williams
Vice President and
Regional Hospital Administrator

RBW:ath

## KAISER FOUNDATION HOSP SO SACRAMENTO

6601 WYNDAM RD
SACRAMENTO,, CA 95823

Medicare Hospital Provider Number: 050674

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 698 | 10 | 8 - 13 | 607 | 10 | 8 - 14 |
| Cancer | 31 | 52 | 21 - 57 | 19 | 68 | 25 - 67 |
| Cerebrovascular Accidents | 22 | 18 | 12 - 46 | 27 | 26 | 13 - 47 |
| Gastrointestinal Catastrophes | 7 | 43 | 8 - 73 | 3 | 33 | 2 - 87 |
| Infectious Disease | 2 | 50 | 1 - 92 | 7 | 43 | 11 - 75 |
| Metabolic/Electrolyte Disorders | 8 | 13 | 5 - 61 | 8 | 0 | 7 - 51 |
| Pulmonary Disease | 24 | 17 | 7 - 41 | 19 | 32 | 7 - 50 |
| Renal Failure | 1 | 0 | 0 - 97 | 2 | 0 | 2 - 89 |
| Severe Acute Heart Disease | 29 | 31 | 22 - 57 | 33 | 27 | 22 - 53 |
| Severe Chronic Heart Disease | 22 | 27 | 8 - 46 | 23 | 17 | 10 - 43 |
| Severe Trauma | 3 | 0 | 2 - 80 | 0 | - | - |
| Gastrointestinal Disease | 35 | 9 | 0 - 75 | 30 | 7 | 0 - 95 |
| Gynecologic Disease | 12 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 60 | 0 | 1 - 9 | 59 | 0 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 54 | 0 | 0 - 16 | 59 | 3 | 0 - 26 |
| Neuropsychiatric/Sensory Disease | 10 | 0 | 0 - 98 | 9 | 0 | 0 - 99 |
| Urologic Disease | 72 | 0 | 0 - 20 | 29 | 3 | 0 - 99 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 112 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 19 |
| Registered Nurses: | 66 |
| Licensed Practical Nurses: | 25 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

Kaiser Foundation Hospitals
Regional Medical Centers Administration
1924 Broadway
Oakland, California 94612-2291

KAISER PERMANENTE

Provider #05-0674

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. Of particular concern is the failure once again of HCFA to omit cancer patients hospitalized in hospice services which have not sought Medicare approval. (Patients in Medicare approved hospices are not included in the mortality data.) Since the many patients admitted to our non-Medicare hospice programs in Northern California (up to 71% of cancer patients at some hospitals) are included in the mortality statistics, death rates at some of our facilities are overstated in the cancer category.

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3 or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussion with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists").

We would like to answer any further inquiries on this data through our Public Affairs office. Please contact Daniel Danzig, (415) 987-2703 (office) or (415) 254-7085 (home).

Sincerely,

Joseph E. Mulroy
Assistant Regional Medical Centers Administrator

# KAISER FOUNDATION HOSPITAL

5601 DE SOTO
WOODLAND HILLS , CA 91367

Medicare Hospital Provider Number: 050677

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,151 | 10 | 9 - 13 | 764 | 9 | 9 - 14 |
| Cancer | 45 | 31 | 25 - 54 | 33 | 61 | 24 - 59 |
| Cerebrovascular Accidents | 69 | 22 | 15 - 36 | 28 | 18 | 14 - 44 |
| Gastrointestinal Catastrophes | 7 | 14 | 10 - 67 | 3 | 33 | 3 - 86 |
| Infectious Disease | 13 | 46 | 12 - 63 | 8 | 63 | 19 - 79 |
| Metabolic/Electrolyte Disorders | 15 | 33 | 7 - 57 | 15 | 33 | 9 - 58 |
| Pulmonary Disease | 36 | 11 | 13 - 37 | 24 | 21 | 9 - 44 |
| Renal Failure | 5 | 40 | 13 - 87 | 2 | 50 | 6 - 95 |
| Severe Acute Heart Disease | 37 | 30 | 21 - 52 | 37 | 19 | 25 - 52 |
| Severe Chronic Heart Disease | 53 | 17 | 14 - 35 | 21 | 10 | 13 - 42 |
| Severe Trauma | 4 | 0 | 5 - 71 | 1 | 0 | 2 - 97 |
| Gastrointestinal Disease | 77 | 4 | 0 - 16 | 45 | 4 | 0 - 27 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 155 | 5 | 1 - 10 | 119 | 3 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 82 | 5 | 0 - 17 | 81 | 1 | 0 - 19 |
| Neuropsychiatric/Sensory Disease | 27 | 4 | 0 - 45 | 22 | 5 | 0 - 45 |
| Urologic Disease | 73 | 3 | 0 - 30 | 38 | 0 | 0 - 68 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 212 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 223 |
| Licensed Practical Nurses: | 19 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

KAISER PERMANENTE
Kaiser Foundation
Hospitals

Medicare Provider No. 05-0677
Kaiser Foundation Hospital
WOODLAND HILLS

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

COMMENTS ON 1987 HCFA MORTALITY DATA

The Kaiser Permanente Medical Care Program has a substantial and continuing involvement in the development and use of methods to adequately risk adjust outcomes of hospital care. Although we support the concept of providing consumers with information on this subject, the 1987 Medicare hospital mortality statistics are of limited value for this purpose. Despite some further improvements in the methods used to prepare these statistics, many problems remain.

One serious error in the HCFA mortality models is the failure to adjust for the diverse mortality rates of the principal diagnoses within a given diagnostic category. For example, "Severe Acute Heart Disease" includes both subendocardial infarcts and ruptured aortic aneurysms. The death rates for the latter typically average five times those for the former; nothing in the model adjusts for the mix of these cases by hospital.

The "Severe Trauma" category includes injuries which vary considerably in their death rates. Using chronic disease comorbidities is of little value. It would have been far more appropriate to use various trauma-related diagnoses as risk predictors.

The "Cancer" diagnostic category is one of the most problematic. The stage of malignancy is a key prognostic risk factor, but HCFA uses none of the codes in its model which would help to distinguish stage. The risk model should favor cancer cases having scheduled surgery. HCFA has failed once again to omit cancer cases hospitalized in hospice services which have not sought Medicare approval. (Regulations require that a hospital bill be submitted for such cases even though no charges are made to Medicare.) Several Kaiser Foundation Hospitals with such hospice services had substantial numbers of these hospice cases included, with predictably high death rates.

NS-5202 (3-85)

Walnut Center • Pasadena • California 91188

Based on the binomial distribution, a 100% mortality rate can occur by chance over 2.5% of the time when a hospital has 1 or 2 cases in a diagnostic category with an expected probability of death of 20% (e.g., Severe Trauma) or has 1, 2, 3, or 4 cases in a category with an expected death rate of 40% (e.g., Renal Failure). Hospital deaths in these categories which exceed their predicted mortality range raise questions about HCFA's statistical tests.

We were unable to confirm many of the "Hospital Characteristics" reported for Kaiser Foundation Hospitals. Discussions with staff of the American Hospital Association have revealed that HCFA made numerous errors when cross-tabulating the Association's survey data (e.g., using imputed instead of reported values for the "percent of physicians who are Board Certified specialists"). For this reason there is little sense in preparing detailed revisions of these faulty data, which we assume will be corrected by HCFA at some future time.

Sincerely,

R. B. Williams

Russell B. Williams
Vice President and
Regional Hospital Administrator

RBW:ath

# KAWEAH DELTA DISTRICT HOSPITAL

400 W MINERAL KING AVE
VISALIA, CA 93277

Medicare Hospital Provider Number: 050057

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,410 | 14 | 11 - 15 | 2,321 | 13 | 11 - 15 |
| Cancer | 114 | 50 | 30 - 53 | 93 | 44 | 30 - 55 |
| Cerebrovascular Accidents | 97 | 30 | 17 - 36 | 84 | 24 | 18 - 38 |
| Gastrointestinal Catastrophes | 26 | 46 | 23 - 63 | 28 | 50 | 19 - 58 |
| Infectious Disease | 48 | 29 | 26 - 55 | 55 | 33 | 25 - 55 |
| Metabolic/Electrolyte Disorders | 51 | 31 | 15 - 46 | 42 | 29 | 9 - 41 |
| Pulmonary Disease | 128 | 30 | 18 - 36 | 119 | 32 | 21 - 40 |
| Renal Failure | 24 | 21 | 14 - 64 | 19 | 32 | 13 - 68 |
| Severe Acute Heart Disease | 66 | 53 | 26 - 52 | 51 | 39 | 26 - 54 |
| Severe Chronic Heart Disease | 100 | 25 | 15 - 34 | 120 | 27 | 18 - 35 |
| Severe Trauma | 4 | 75 | 1 - 82 | 2 | 0 | 0 - 99 |
| Gastrointestinal Disease | 101 | 3 | 1 - 11 | 87 | 6 | 1 - 15 |
| Gynecologic Disease | 31 | 0 | 0 -100 | 23 | 0 | 0 -100 |
| Low-Risk Heart Disease | 322 | 3 | 2 - 6 | 309 | 1 | 2 - 5 |
| Musculoskeletal/Skin Conditions | 264 | 2 | 0 - 6 | 248 | 1 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 59 | 10 | 1 - 24 | 79 | 5 | 0 - 22 |
| Urologic Disease | 91 | 2 | 0 - 20 | 120 | 1 | 1 - 7 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 230 |
| Occupancy Rate (%): | 75 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 137 |
| Percent of Physicians Who Are Board Certified Specialists: | 77 |
| Interns and Residents: | 0 |
| Registered Nurses: | 276 |
| Licensed Practical Nurses: | 56 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**KAWEAH DELTA DISTRICT HOSPITAL**

400 W. Mineral King, Visalia, CA 93291

(209) 625-2211

A NON PROFIT COMMUNITY DISTRICT HOSPITAL

THOMAS M. JOHNSON
EXECUTIVE DIRECTOR

October 20, 1988

Dear Healthcare Customer:

Kaweah Delta District Hospital (KDDH) appreciates the opportunity to respond to the Health Care Financing Administration (HCFA) Mortality Data. Our hospital takes pride in providing the standards of care that our patients come to expect in this community.

KDDH's Mortality Rates have fallen into the expected norms for our facility, except for a one percent higher rate in the severe acute heart disease area and one percent lower in low risk heart disease area. Since these are off by a small margin, we do not see this as a terribly significant deviation from the norm. Because our Mortality Rates have fallen into the expected norms does not indicate that we agree with this method of releasing data for patients to evaluate the quality of care. We urge you not to use this information in those terms, but to point out the problems in using mortality data to evaluate the quality of care in any hospital.

These statistics, in fact, reflect the mortality of patients that are Medicare patients (65 years of age or older) who compared with other patients are significantly more ill and have a higher death rate than the younger patients. In fact, there is no way to look at this data and be able to identify the individual ages in this group of patients. Perhaps they would be in ages of 80 to 90, for example, which with a high death rate would create a false impression of the quality of care.

Second, certain hospitals treat more seriously ill patients than others. KDDH, for instance, is the main referral center between Fresno and Bakersfield and, therefore, sees more critically ill patients. Other hospitals and physicians refer high risk patients to us because of the number of our medical staff specialists, highly trained technical staff, and our advanced equipment. It is possible, then, that our particular hospital's death rate could be higher then the State of National rates because of the kinds of patients that we see. A low death rate could influence someone to

BOARD OF DIRECTORS

MURRELL D. TWIBELL
TREASURER

JAMES D. REESE
VICE PRESIDENT

JAMES L. MATHEWS
PRESIDENT

MAYNARD L. FAUGHT
SECRETARY

BYRON W. RIEGEL, M.D.
ASSISTANT SECRETARY

go to hospital which is not fully equipped or staffed to provide the care needed for high risk patients. This data does not indicate where the patients came from or the severity of their problems. Many patients come to our Emergency Department in critical condition from Skilled Nursing Facilities, other hospitals, or even from home in a terminal state. Again, this can reflect a higher death rate.

Simple death rate statistics from any hospital do not indicate why a patient died. All deaths at KDDH are reviewed by each clinical department of our medical staff monthly. California Medical Review, Incorporated, the statewide professional review organization for Medicare, also reviews all of our deaths during the course of its monthly on-site reviews at our hospital. CMRI has yet to find any problems with the quality of care at our particular facility and they have been reviewing us for the past four years.

In addition to all the above mentioned problems with this particular data, many of these patients, since they are older, have many medical problems even though they are admitted under one diagnostic category. Again, we emphasize the only way to determine whether this particular death or a particular mortality rate could be high or low is to examine each patient's medical record and evaluate individual circumstances. Aside from our opinion of death rates, William Roper, M.D., Administrator of HCFA said in his letter of last year "while we believe the information on hospital mortality rates is useful, until we have developed additional statistical measures to deal with complex issues such as the severity of illness, we cannot and do not recommend the use of this information by itself to make judgements about the quality of care in an individual hospital, or to make comparisons among hospitals", and this is the opinion of the organization releasing the data!

We appreciate the opportunity to comment on this data and if you have any further questions about it or about the quality of care at KDDH, you will feel free to contact us at any time. We know we at KDDH provide the highest quality of care and the best of health.

Further questions about this data should be directed to Melanie M. Minarik, Assistant Administrator, at 209-625-7329.

Sincerely,

John M. Morrison, M.D.
Chairman, Utilization Review Committee

James A. Nowlan, M.D.
Chief of Medical Staff

T. M. Johnson
Executive Director

TMJ:MMM:jac

## KENNETH NORIS JR CANCER HOSP

1441 EASTLAKE AVE
LOS ANGELES, CA 90033

Medicare Hospital Provider Number: 050660

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 311 | 12 | 10 - 18 | 298 | 16 | 11 - 20 |
| Cancer | 52 | 17 | 25 - 50 | 45 | 33 | 28 - 59 |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 1 | 0 | 0 - 99 | 4 | 0 | 15 - 78 |
| Infectious Disease | 3 | 0 | 12 - 85 | 4 | 50 | 11 - 87 |
| Metabolic/Electrolyte Disorders | 12 | 42 | 5 - 61 | 13 | 31 | 10 - 60 |
| Pulmonary Disease | 3 | 67 | 14 - 95 | 7 | 43 | 10 - 73 |
| Renal Failure | 1 | 100 | 0 - 99 | 1 | 0 | 1 - 97 |
| Severe Acute Heart Disease | 1 | 0 | 1 - 97 | 0 | - | - |
| Severe Chronic Heart Disease | 1 | 100 | 0 - 97 | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 3 | 0 | 0 -100 | 3 | 33 | 0 -100 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Low-Risk Heart Disease | 2 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 6 | 17 | 0 -100 | 5 | 40 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 4 | 25 | 0 -100 | 2 | 0 | 1 - 90 |
| Urologic Disease | 23 | 4 | 0 -100 | 27 | 0 | 0 - 97 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 1,202 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 2 |
| Licensed Practical Nurses: | 2 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## KERN MEDICAL CTR

1830 FLOWER ST
BAKERSFIELD, CA 93305

Medicare Hospital Provider Number: 050315

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 592 | 21 | 9 - 17 | 596 | 15 | 8 - 15 |
| Cancer | 11 | 27 | 15 - 66 | 13 | 62 | 17 - 67 |
| Cerebrovascular Accidents | 27 | 44 | 9 - 47 | 22 | 41 | 10 - 51 |
| Gastrointestinal Catastrophes | 10 | 70 | 10 - 65 | 4 | 75 | 5 - 80 |
| Infectious Disease | 16 | 63 | 10 - 58 | 20 | 40 | 14 - 57 |
| Metabolic/Electrolyte Disorders | 14 | 36 | 4 - 57 | 23 | 26 | 8 - 48 |
| Pulmonary Disease | 37 | 43 | 12 - 45 | 29 | 24 | 9 - 42 |
| Renal Failure | 2 | 50 | 7 - 97 | 6 | 17 | 8 - 76 |
| Severe Acute Heart Disease | 39 | 44 | 21 - 53 | 20 | 30 | 16 - 56 |
| Severe Chronic Heart Disease | 23 | 30 | 10 - 48 | 33 | 24 | 10 - 41 |
| Severe Trauma | 10 | 40 | 6 - 65 | 6 | 67 | 7 - 75 |
| Gastrointestinal Disease | 28 | 7 | 0 - 45 | 18 | 6 | 0 - 94 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 53 | 9 | 0 - 33 | 55 | 5 | 1 - 20 |
| Musculoskeletal/Skin Conditions | 44 | 7 | 0 - 59 | 52 | 4 | 0 - 56 |
| Neuropsychiatric/Sensory Disease | 26 | 0 | 0 - 64 | 31 | 6 | 0 - 96 |
| Urologic Disease | 19 | 0 | 0 - 99 | 31 | 0 | 0 - 79 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

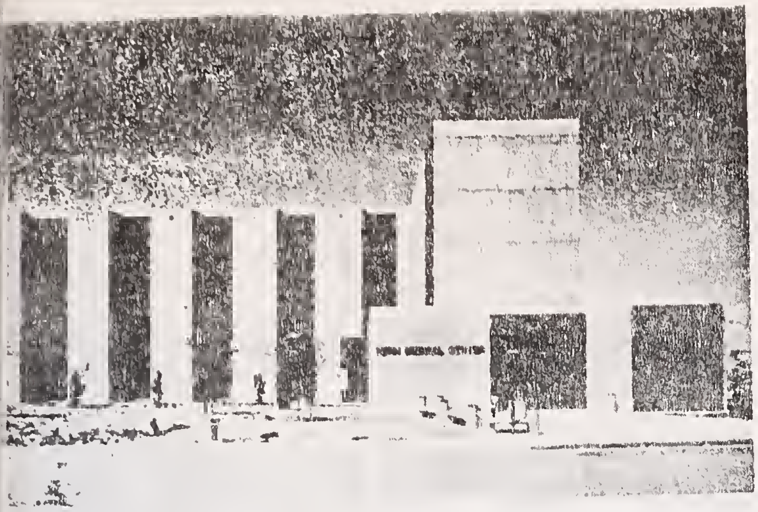
| | |
|---|---|
| Total Beds (#): | 236 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 157 |
| Percent of Physicians Who Are Board Certified Specialists: | 60 |
| Interns and Residents: | 74 |
| Registered Nurses: | 184 |
| Licensed Practical Nurses: | 63 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |



KERN MEDICAL CENTER

1830 FLOWER STREET, BAKERSFIELD, CALIFORNIA 93305-4197
TELEPHONE: (805) 326-2000

October 21, 1988

Health Standards and Quality Bureau HCFA
Meadows East Building, 2-D-2
6325 Security Blvd.
Baltimore, Maryland 21207
Attention: Sandra Kappert

Dear Mrs. Kappert:

Thank you for the opportunity to respond to the release data on mortality rates for the year 1986.

The following information for Kern Medical Center is to be attached to our 1986 HCFA mortality data prior to public disclosure.

Kern Medical is a 243 acute care county teaching facility. The case mix for this facility includes many patients with major medical and surgical illness. WE are a referral center for many hospitals in the area and serve as a major trauma center.

In all but three diagnostic categories Kern Medical Center's mortality rate fell within the Department of Health and Human Services predicated rate. All areas of the mortality data have been reviewed, by medical staff. Three areas were above range.

Gastrointestinal Catastrophes

All seven cases were admitted through the Emergency Room. Six of the seven cases had the same primary or secondary disease pattern of end stage liver disease.

There were no adverse patterns of care identified. There were few previous admissions, but when identified the previous discharges met with HCFA's generic discharge screens.

Infectious Disease

Infectious Disease is a specialty at Kern Medical Center, and as such many cases including the most severe cases are transferred for care from other facilities. Of the ten cases identified in the mortality study five cases were transferred in from five other acute facilities in the area. Two patients were referred from long term care facilities through the emergency room. One patient presented to the emergency room in cardiopulmonary arrest. Again, after review there were no adverse patterns of care identified.

**All Other Diseases**

No one disease identity was predominant in this area. Eight of the thirty-three cases were referred to long term care facilities, home, or to other acute facilities. All cases discharged home or to long term care facilities met HCFA's generic discharge screens. Thirty of the thirty-three cases were admitted through the emergency room. Four of the cases were transferred from other acute facilities, and three from long term care. This disease category was reviewed extensively by the medical staff and no adverse patterns of care were identifiable.

The Quality Assurance Program and other peer review activities are an integral part of the monitoring of the health care delivery system at the hospital. Analysis of these reviews is a constant endeavor to assist in identifying opportunities to improve care.

Thank you for another mechanism in which to review our performance and again the opportunity to address the mortality data.

Sincerely,

Floyd E Farley — Joseph G. Ansfield, MD

Floyd E. Farley
Chief Executive Officer

Joseph G. Ansfield, M.D., Chairman
Quality Assurance Committee

FEF:JGA:kag

## KERN VALLEY HOSPITAL

6412 LAUREL AVE
LAKE ISABELLA, CA 93240

Medicare Hospital Provider Number: 050542

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 431 | 13 | 11 - 18 | 420 | 13 | 10 - 17 |
| Cancer | 7 | 71 | 12 - 73 | 7 | 57 | 13 - 77 |
| Cerebrovascular Accidents | 20 | 10 | 12 - 43 | 16 | 31 | 9 - 54 |
| Gastrointestinal Catastrophes | 11 | 55 | 18 - 73 | 1 | 0 | 0 - 98 |
| Infectious Disease | 5 | 40 | 6 - 78 | 2 | 0 | 1 - 90 |
| Metabolic/Electrolyte Disorders | 10 | 10 | 17 - 63 | 7 | 29 | 7 - 70 |
| Pulmonary Disease | 40 | 22 | 15 - 43 | 39 | 18 | 15 - 42 |
| Renal Failure | 4 | 75 | 14 - 90 | 2 | 50 | 7 - 99 |
| Severe Acute Heart Disease | 21 | 33 | 17 - 57 | 20 | 35 | 21 - 62 |
| Severe Chronic Heart Disease | 25 | 36 | 9 - 47 | 32 | 28 | 12 - 44 |
| Severe Trauma | 2 | 0 | 3 - 88 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 43 | 0 | 1 - 13 | 37 | 3 | 0 - 30 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 64 | 3 | 1 - 14 | 89 | 4 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 25 | 12 | 0 - 46 | 21 | 5 | 0 - 77 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 -100 | 7 | 0 | 0 - 99 |
| Urologic Disease | 5 | 0 | 0 -100 | 7 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 27 |
| Occupancy Rate (%): | 59 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 24 |
| Percent of Physicians Who Are Board Certified Specialists: | 38 |
| Interns and Residents: | 0 |
| Registered Nurses: | 24 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## KINGSBURG GEN HOSP

1200 SMITH ST
KINGSBURG, CA 93631

Medicare Hospital Provider Number: 050361

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 13 | 0 | 2 - 35 | 57 | 12 | 5 - 24 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 1 | 0 | 1 - 97 | 0 | - | - |
| Infectious Disease | 0 | - | - | 1 | 100 | 1 - 97 |
| Metabolic/Electrolyte Disorders | 1 | 0 | 0 -100 | 6 | 0 | 1 - 63 |
| Pulmonary Disease | 0 | - | - | 8 | 25 | 6 - 65 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 3 | 0 | 13 - 85 |
| Severe Chronic Heart Disease | 0 | - | - | 2 | 100 | 0 - 96 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 3 | 0 | 0 -100 | 7 | 14 | 0 -100 |
| Musculoskeletal/Skin Conditions | 0 | - | - | 5 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 3 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

| | |
|---|---|
| Total Beds (#): | 38 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 17 |
| Licensed Practical Nurses: | 8 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | Yes |

## L A CO HARBOR-UCLA MED CTR

1000 W CARSON ST
TORRANCE, CA 90509

Medicare Hospital Provider Number: 050376

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 658 | 15 | 9 - 15 | 751 | 15 | 8 - 15 |
| Cancer | 34 | 41 | 20 - 54 | 16 | 44 | 18 - 65 |
| Cerebrovascular Accidents | 15 | 27 | 7 - 53 | 30 | 30 | 10 - 44 |
| Gastrointestinal Catastrophes | 7 | 29 | 5 - 69 | 10 | 40 | 9 - 67 |
| Infectious Disease | 11 | 45 | 15 - 69 | 7 | 57 | 10 - 74 |
| Metabolic/Electrolyte Disorders | 6 | 17 | 8 - 70 | 5 | 0 | 1 - 68 |
| Pulmonary Disease | 38 | 53 | 13 - 46 | 48 | 40 | 15 - 44 |
| Renal Failure | 27 | 11 | 1 - 59 | 23 | 13 | 3 - 58 |
| Severe Acute Heart Disease | 25 | 40 | 23 - 61 | 35 | 69 | 23 - 55 |
| Severe Chronic Heart Disease | 38 | 16 | 12 - 37 | 37 | 16 | 12 - 37 |
| Severe Trauma | 0 | - | - | 3 | 67 | 1 - 87 |
| Gastrointestinal Disease | 28 | 0 | 0 - 34 | 26 | 0 | 0 - 57 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 60 | 2 | 0 - 17 | 67 | 3 | 0 - 17 |
| Musculoskeletal/Skin Conditions | 55 | 0 | 1 - 10 | 58 | 2 | 0 - 35 |
| Neuropsychiatric/Sensory Disease | 40 | 2 | 0 - 59 | 60 | 5 | 0 - 35 |
| Urologic Disease | 8 | 13 | 0 -100 | 14 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 504 |
| Occupancy Rate (%): | 85 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 1,092 |
| Percent of Physicians Who Are Board Certified Specialists: | 81 |
| Interns and Residents: | 339 |
| Registered Nurses: | 696 |
| Licensed Practical Nurses: | 85 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

DEPARTMENT OF HEALTH SERVICES
COUNTY OF LOS ANGELES • HARBOR-UCLA MEDICAL CENTER
(213) 533-2101

WILLIAM H. SWANSON, M.D.
MEDICAL DIRECTOR

EDWARD J. FOLEY
HOSPITAL ADMINISTRATOR

October 21, 1988

Medicare Provider Number 050376

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Mortality Statistics

Dear Mrs. Kappert:

Thank you for this opportunity to respond to the release of data on hospital mortality rates for calendar year 1987.

Los Angeles County Harbor-UCLA Medical Center is a 553-bed acute care facility affiliated with the Medical School of the University of California at Los Angeles. We are the public hospital for a large portion of Los Angeles County, treating approximately 25,500 inpatients (discharges) and 289,500 outpatients (visits) annually. As is the case with most public hospitals in large metropolitan areas, our Medicare patients are, on the average, sicker than Medicare patients admitted elsewhere, and they have a greater number of secondary medical problems. Over 80% of our patients are admitted through the Emergency Room.

On an ongoing basis, clinical departments review every mortality in our facility for appropriateness of care. The following summarizes our findings in the one category that exceeded the predicted range.

Pulmonary Disease

The predicted percentage of deaths in the Pulmonary Disease diagnostic category was reported to be 13-46% and our actual to be 53% based on 38 cases.

1000 WEST CARSON STREET,
TORRANCE, CALIFORNIA 90509

It should be noted that:

- o Of the thirty-eight (38) patients listed, 37% were age 80 and over. Twenty-five of the thirty-eight expired. Ten of the twenty-five patients who expired did so at other facilities after being discharged from Harbor-UCLA Medical Center in fair to stable condition with a poor prognosis.

- o All fifteen patients who expired at this facility were admitted in very serious condition. Six were admitted from home and nine were transferred from a skilled nursing facility. One was admitted semicomatose.

- o All fifteen patients had additional medical problems that complicated their medical condition. These problems included end-stage renal disease, status post cadaveric renal transplant, hypertension, gastrointestinal bleeding, chronic dementia, emphysema, seizures, septic shock, cachexia, cardiogenic shock, a history of multiple myocardial infarctions, Alzheimer's disease, a history of multiple cerebrovascular accidents, arteriosclerosis, ischemic bowel, myeloplastic bone marrow, disseminated intravascular coagulopathy, cerebral lymphoma, hydrocephalus, atrial fibrillation, congestive heart failure, and metastatic carcinoma.

- o Eleven of the fifteen patients were placed on "No Code" status as requested by the family due to existing medical conditions noted above.

- o Four of the fifteen patients experienced one or more cardiac arrests during their hospitalization and did not respond to resuscitative efforts.

Again, thank you for the opportunity to present this response. If you have additional questions, please do not hesitate to contact us at (213) 533-2101 or (213) 533-2901.

Sincerely,

Edward Foley
Edward J. Foley
Administrator

William H. Swanson MD.
William H. Swanson, M.D.
Medical Director

EJF:WHS:emc

## LA HABRA COMMUNITY HOSP

1251 W LAMBERT RD
LA HABRA, CA 90631

Medicare Hospital Provider Number: 050565

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 795 | 15 | 9 - 15 | 487 | 15 | 8 - 16 |
| Cancer | 39 | 51 | 23 - 56 | 18 | 39 | 19 - 63 |
| Cerebrovascular Accidents | 34 | 35 | 12 - 45 | 27 | 52 | 12 - 49 |
| Gastrointestinal Catastrophes | 11 | 18 | 11 - 60 | 4 | 50 | 4 - 82 |
| Infectious Disease | 6 | 17 | 7 - 70 | 2 | 0 | 1 - 89 |
| Metabolic/Electrolyte Disorders | 13 | 38 | 10 - 62 | 5 | 20 | 0 - 89 |
| Pulmonary Disease | 54 | 35 | 16 - 43 | 30 | 27 | 12 - 45 |
| Renal Failure | 1 | 100 | 1 - 97 | 3 | 67 | 10 - 92 |
| Severe Acute Heart Disease | 30 | 37 | 19 - 54 | 26 | 46 | 20 - 58 |
| Severe Chronic Heart Disease | 36 | 22 | 13 - 41 | 14 | 14 | 7 - 48 |
| Severe Trauma | 4 | 0 | 9 - 74 | 0 | - | - |
| Gastrointestinal Disease | 62 | 11 | 0 - 42 | 35 | 9 | 0 - 64 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 84 | 5 | 1 - 15 | 84 | 1 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 72 | 4 | 0 - 22 | 45 | 4 | 0 - 34 |
| Neuropsychiatric/Sensory Disease | 16 | 6 | 0 -100 | 8 | 0 | 0 -100 |
| Urologic Disease | 32 | 0 | 0 - 90 | 9 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1983

| | |
|---|---|
| Total Beds (#): | 299 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 118 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# LA HACIENDA HOSPITAL

9246 ALONDRA BLVD
BELLFLOWER, CA 90706

Medicare Hospital Provider Number: 050646

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 0 | - | - | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 0 | - | - |
| Musculoskeletal/Skin Conditions | 0 | - | - | 0 | - | - |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 28 |
| Occupancy Rate (%): | 71 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 15 |
| Percent of Physicians Who Are Board Certified Specialists: | 100 |
| Interns and Residents: | 0 |
| Registered Nurses: | 12 |
| Licensed Practical Nurses: | 16 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Alondra Crest Hospital

September 21, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Sandra Kappert
Meadows East Bulding, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

We received a packet recently from you containing information regarding Medicare mortality data.

I am returning your packet as the hospital changed ownership and names. We are a private, acute psychiatric/chemical dependency facility known as Alondra Crest Hospital. This change occured over two (2) years ago.

If further information is required, please contact me directly.

Sincerely,

Terri M. Aberle

Terri M. Aberle
Assistant Administrator

TMA:pdd

## LA PALMA HOSP MEDICAL CTR

7901 WALKER AVE
BUENA PARK, CA 90620

Medicare Hospital Provider Number: 050580

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 324 | 11 | 10 - 17 | 434 | 16 | 9 - 17 |
| Cancer | 5 | 20 | 10 - 77 | 13 | 38 | 14 - 64 |
| Cerebrovascular Accidents | 15 | 20 | 9 - 51 | 26 | 23 | 12 - 45 |
| Gastrointestinal Catastrophes | 6 | 33 | 11 - 78 | 6 | 33 | 4 - 73 |
| Infectious Disease | 11 | 36 | 13 - 66 | 8 | 13 | 14 - 67 |
| Metabolic/Electrolyte Disorders | 3 | 0 | 0 - 91 | 4 | 100 | 7 - 72 |
| Pulmonary Disease | 26 | 19 | 18 - 50 | 36 | 36 | 13 - 45 |
| Renal Failure | 3 | 0 | 9 - 84 | 5 | 40 | 8 - 83 |
| Severe Acute Heart Disease | 9 | 56 | 17 - 75 | 14 | 71 | 21 - 66 |
| Severe Chronic Heart Disease | 31 | 10 | 14 - 38 | 26 | 12 | 13 - 41 |
| Severe Trauma | 1 | 0 | 0 - 98 | 0 | - | - |
| Gastrointestinal Disease | 11 | 0 | 0 - 99 | 27 | 0 | 0 - 54 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 54 | 7 | 0 - 38 | 63 | 3 | 0 - 20 |
| Musculoskeletal/Skin Conditions | 29 | 3 | 0 - 67 | 29 | 7 | 0 - 97 |
| Neuropsychiatric/Sensory Disease | 10 | 10 | 0 -100 | 15 | 13 | 0 -100 |
| Urologic Disease | 12 | 0 | 0 -100 | 15 | 7 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 136 |
| Occupancy Rate (%): | 51 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 60 |
| Percent of Physicians Who Are Board Certified Specialists: | 65 |
| Interns and Residents: | 0 |
| Registered Nurses: | 87 |
| Licensed Practical Nurses: | 20 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## LAC/OLIVE VIEW MED CTR-MIDVALLEY UNI

14445 OLIVE VIEW DRIVE
SYLMAR,, CA 91342

Medicare Hospital Provider Number: 050040

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 115 | 10 | 6 - 18 | 75 | 9 | 6 - 20 |
| Cancer | 3 | 33 | 3 - 86 | 5 | 20 | 3 - 74 |
| Cerebrovascular Accidents | 4 | 0 | 2 - 73 | 2 | 0 | 0 - 93 |
| Gastrointestinal Catastrophes | 2 | 100 | 1 - 90 | 1 | 0 | 1 - 97 |
| Infectious Disease | 2 | 50 | 3 - 92 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 1 | 0 | 1 - 97 | 0 | - | - |
| Pulmonary Disease | 10 | 10 | 5 - 52 | 0 | - | - |
| Renal Failure | 0 | - | - | 1 | 100 | 2 - 98 |
| Severe Acute Heart Disease | 7 | 57 | 17 - 81 | 6 | 17 | 7 - 69 |
| Severe Chronic Heart Disease | 9 | 0 | 3 - 44 | 5 | 0 | 5 - 63 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 1 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 16 | 0 | 0 - 76 | 9 | 0 | 0 - 94 |
| Musculoskeletal/Skin Conditions | 5 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 4 | 0 | 0 -100 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 161 |
| Occupancy Rate (%): | 93 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 84 |
| Percent of Physicians Who Are Board Certified Specialists: | 80 |
| Interns and Residents: | 68 |
| Registered Nurses: | 269 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**OLIVE VIEW MEDICAL CENTER**

DOUGLAS D. BAGLEY
ADMINISTRATOR

BRUCE PICKEN, M.D.
MEDICAL DIRECTOR

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

As requested, we have reviewed the Mortality Data pertaining to Medicare patients whose last discharge date in 1987 was from Olive View Medical Center. Upon review of the medical records of these patients, we find the mortality rate to be within the range of predicted mortality rates.

However, we have noticed that the medical record numbers listed on the reports do not correspond to the medical record numbers we have on file. This has caused some difficulty in identifying these cases. We have also noticed that one case was reported twice, once under "Severe Acute Heart Disease" and a second time under "Myocardial Infarction".

Please make the necessary corrections to eliminate the aforementioned duplication.

Should you need additional information, please call me at (818)364-4378.

Very truly yours,

Ahmed Kader
Associate Administrator, Finance

AK:mgm

cc: Doug Bagley
Bruce Picken, MD
William Loos, MD
Jesse Jacobs
Reggie Nakaoka
Connie Diaz

# LADERA HEIGHTS COMMUNITY HOSPITAL, I

5525 W SLAUSON AVE
LOS ANGELES, CA 90056

Medicare Hospital Provider Number: 050086

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 301 | 11 | 6 - 14 | 83 | 7 | 4 - 17 |
| Cancer | 17 | 47 | 19 - 65 | 5 | 20 | 7 - 75 |
| Cerebrovascular Accidents | 14 | 21 | 6 - 51 | 3 | 0 | 8 - 81 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 1 | 0 | 2 - 97 | 2 | 0 | 4 - 88 |
| Metabolic/Electrolyte Disorders | 8 | 25 | 3 - 66 | 2 | 0 | 0 - 99 |
| Pulmonary Disease | 7 | 14 | 6 - 64 | 2 | 50 | 1 - 93 |
| Renal Failure | 2 | 0 | 0 - 93 | 0 | - | - |
| Severe Acute Heart Disease | 4 | 50 | 8 - 84 | 1 | 100 | 2 - 97 |
| Severe Chronic Heart Disease | 17 | 12 | 7 - 42 | 2 | 0 | 0 - 97 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 33 | 3 | 0 - 61 | 9 | 0 | 0 -100 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 30 | 7 | 0 - 86 | 7 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 21 | 0 | 0 - 94 | 7 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 22 | 0 | 0 - 63 | 0 | - | - |
| Urologic Disease | 19 | 5 | 0 -100 | 5 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 76 |
| Occupancy Rate (%): | 38 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 98 |
| Percent of Physicians Who Are Board Certified Specialists: | 65 |
| Interns and Residents: | 0 |
| Registered Nurses: | 61 |
| Licensed Practical Nurses: | 11 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## LAGUNA HONDA HOSP

375 LAGUNA HONDA BLVD
SAN FRANCISCO, CA 94116

Medicare Hospital Provider Number: 050668

| **Diagnostic Category** | **Calender Year 1987** | | | **Calender Year 1986** | | |
|---|---|---|---|---|---|---|
| | **Cases** | **Actual Mortality Rate (%)** | **Range For Predicted Mortality (%)** | **Cases** | **Actual Mortality Rate (%)** | **Range For Predicted Mortality (%)** |
| All Cases | 96 | 19 | 17 - 33 | 124 | 39 | 19 - 37 |
| Cancer | 2 | 50 | 7 - 96 | 1 | 100 | 1 - 97 |
| Cerebrovascular Accidents | 0 | - | - | 4 | 50 | 3 - 82 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 100 | 0 - 97 |
| Infectious Disease | 10 | 20 | 14 - 65 | 5 | 40 | 7 - 79 |
| Metabolic/Electrolyte Disorders | 1 | 0 | 1 - 97 | 1 | 0 | 0 -100 |
| Pulmonary Disease | 44 | 25 | 18 - 46 | 61 | 44 | 20 - 47 |
| Renal Failure | 0 | - | - | 2 | 100 | 10 - 95 |
| Severe Acute Heart Disease | 1 | 100 | 0 - 97 | 8 | 38 | 22 - 81 |
| Severe Chronic Heart Disease | 6 | 17 | 7 - 69 | 5 | 60 | 2 - 79 |
| Severe Trauma | 0 | - | - | 1 | 100 | 0 -100 |
| Gastrointestinal Disease | 1 | 100 | 0 - 98 | 1 | 100 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 6 | 0 | 0 - 98 | 1 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 2 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 1 | 0 | 0 -100 |
| Urologic Disease | 5 | 0 | 0 - 98 | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

| | |
|---|---|
| Total Beds (#): | 1,457 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 265 |
| Licensed Practical Nurses: | 27 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | Yes |

## LAKESIDE COMM HOSP

5176 HILL ROAD EAST
LAKEPORT, CA 95453

Medicare Hospital Provider Number: 050476

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 688 | 17 | 12 - 18 | 618 | 14 | 11 - 17 |
| Cancer | 13 | 62 | 18 - 68 | 14 | 50 | 14 - 64 |
| Cerebrovascular Accidents | 35 | 31 | 15 - 46 | 35 | 29 | 16 - 47 |
| Gastrointestinal Catastrophes | 9 | 22 | 13 - 67 | 8 | 38 | 9 - 70 |
| Infectious Disease | 11 | 27 | 14 - 65 | 3 | 0 | 3 - 79 |
| Metabolic/Electrolyte Disorders | 15 | 27 | 7 - 55 | 27 | 19 | 8 - 43 |
| Pulmonary Disease | 86 | 27 | 16 - 37 | 55 | 36 | 14 - 41 |
| Renal Failure | 8 | 63 | 15 - 81 | 3 | 67 | 12 - 95 |
| Severe Acute Heart Disease | 36 | 33 | 25 - 56 | 29 | 41 | 27 - 62 |
| Severe Chronic Heart Disease | 33 | 21 | 12 - 41 | 24 | 29 | 14 - 50 |
| Severe Trauma | 2 | 0 | 0 - 92 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 48 | 2 | 0 - 19 | 28 | 0 | 0 - 23 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 77 | 10 | 1 - 22 | 92 | 2 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 45 | 4 | 0 - 33 | 56 | 2 | 1 - 14 |
| Neuropsychiatric/Sensory Disease | 7 | 14 | 0 -100 | 8 | 13 | 0 -100 |
| Urologic Disease | 23 | 0 | 0 - 99 | 26 | 0 | 0 - 50 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 63 |
| Occupancy Rate (%): | 35 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 34 |
| Percent of Physicians Who Are Board Certified Specialists: | 59 |
| Interns and Residents: | 0 |
| Registered Nurses: | 44 |
| Licensed Practical Nurses: | 23 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## LANCASTER COMM HOSP

43830 N 10TH ST W
LANCASTER, CA 93534

Medicare Hospital Provider Number: 050204

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,479 | 10 | 9 - 14 | 1,539 | 10 | 9 - 14 |
| Cancer | 44 | 25 | 25 - 54 | 52 | 38 | 27 - 56 |
| Cerebrovascular Accidents | 29 | 31 | 14 - 48 | 27 | 19 | 14 - 45 |
| Gastrointestinal Catastrophes | 10 | 20 | 10 - 62 | 10 | 20 | 12 - 64 |
| Infectious Disease | 16 | 13 | 21 - 59 | 12 | 42 | 17 - 69 |
| Metabolic/Electrolyte Disorders | 27 | 19 | 14 - 48 | 32 | 31 | 13 - 49 |
| Pulmonary Disease | 84 | 24 | 16 - 37 | 101 | 23 | 18 - 37 |
| Renal Failure | 5 | 40 | 11 - 85 | 3 | 33 | 3 - 87 |
| Severe Acute Heart Disease | 54 | 30 | 22 - 48 | 33 | 36 | 23 - 57 |
| Severe Chronic Heart Disease | 83 | 17 | 14 - 32 | 84 | 26 | 14 - 34 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 97 |
| Gastrointestinal Disease | 105 | 3 | 1 - 10 | 145 | 4 | 1 - 10 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 296 | 4 | 1 - 7 | 273 | 1 | 2 - 5 |
| Musculoskeletal/Skin Conditions | 108 | 3 | 1 - 10 | 109 | 2 | 1 - 9 |
| Neuropsychiatric/Sensory Disease | 20 | 0 | 0 - 54 | 17 | 0 | 0 - 93 |
| Urologic Disease | 62 | 3 | 0 - 32 | 57 | 0 | 0 - 15 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

Total Beds (#): 132
Ownership/Control: Private, For Profit

STAFFING

Interns and Residents: 0
Registered Nurses: 100
Licensed Practical Nurses: 40

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

## LANTERMAN DEVELOPMENTAL CENTER

3530 W POMONA BLVD
POMONA, CA 91768

Medicare Hospital Provider Number: 050545

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 50 | 2 | 3 - 15 | 58 | 2 | 3 - 13 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 0 | 0 - 99 |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Pulmonary Disease | 12 | 8 | 6 - 47 | 8 | 0 | 4 - 48 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 1 | 0 | 0 - 99 |
| Severe Chronic Heart Disease | 1 | 0 | 1 - 97 | 3 | 0 | 1 - 83 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 -100 |
| Gastrointestinal Disease | 0 | - | - | 4 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 2 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 4 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 1 | 0 | 0 -100 | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 1,125 |
| Occupancy Rate (%): | 95 |
| Ownership/Control: | State Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 19 |
| Percent of Physicians Who Are Board Certified Specialists: | 47 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Lanterman Developmental Center
Pomona, California

Provider Number: 05-0545

The hospital's comments consisted primarily of annotations to the patient specific information and/or the hospital characteristics generated by the Health Care Financing Administration and provided to the hospital. We did not publish this annotated information.

## LASSEN COMMUNITY HOSP

HOSPITAL LANE WEST STS
SUSANVILLE, CA 96130

Medicare Hospital Provider Number: 050251

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 247 | 13 | 6 - 16 | 255 | 13 | 8 - 17 |
| Cancer | 4 | 75 | 8 - 82 | 4 | 75 | 12 - 85 |
| Cerebrovascular Accidents | 0 | - | - | 8 | 38 | 10 - 70 |
| Gastrointestinal Catastrophes | 2 | 0 | 1 - 91 | 1 | 0 | 0 - 99 |
| Infectious Disease | 2 | 0 | 3 - 88 | 2 | 50 | 4 - 93 |
| Metabolic/Electrolyte Disorders | 16 | 38 | 8 - 56 | 11 | 18 | 6 - 57 |
| Pulmonary Disease | 25 | 28 | 9 - 46 | 29 | 31 | 10 - 45 |
| Renal Failure | 1 | 0 | 1 - 97 | 4 | 25 | 15 - 91 |
| Severe Acute Heart Disease | 3 | 33 | 4 - 86 | 4 | 75 | 11 - 84 |
| Severe Chronic Heart Disease | 6 | 17 | 2 - 71 | 10 | 30 | 5 - 61 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 18 | 6 | 0 - 81 | 22 | 0 | 0 - 86 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 29 | 3 | 0 - 38 | 26 | 0 | 1 - 22 |
| Musculoskeletal/Skin Conditions | 30 | 3 | 0 - 40 | 36 | 3 | 0 - 46 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 5 | 0 | 0 -100 | 6 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 59 |
| Occupancy Rate (%): | 70 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 17 |
| Percent of Physicians Who Are Board Certified Specialists: | 41 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## LAUREL GROVE HOSP

19933 LAKE CHABOT RD
CASTRO VALLEY, CA 94546

Medicare Hospital Provider Number: 050095

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 199 | 12 | 7 - 17 | 250 | 13 | 9 - 18 |
| Cancer | 3 | 33 | 4 - 86 | 6 | 50 | 12 - 79 |
| Cerebrovascular Accidents | 7 | 29 | 7 - 69 | 13 | 31 | 12 - 60 |
| Gastrointestinal Catastrophes | 2 | 100 | 5 - 89 | 4 | 50 | 4 - 82 |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 1 | 0 | 0 -100 | 8 | 38 | 4 - 68 |
| Pulmonary Disease | 15 | 40 | 9 - 57 | 18 | 28 | 8 - 51 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 5 | 40 | 9 - 80 | 8 | 50 | 15 - 76 |
| Severe Chronic Heart Disease | 11 | 36 | 5 - 60 | 16 | 19 | 11 - 51 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 20 | 0 | 0 - 51 | 26 | 0 | 0 - 32 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 22 | 5 | 0 - 49 | 15 | 0 | 0 - 92 |
| Musculoskeletal/Skin Conditions | 21 | 0 | 0 - 94 | 22 | 0 | 0 - 54 |
| Neuropsychiatric/Sensory Disease | 7 | 14 | 0 - 99 | 10 | 0 | 0 - 96 |
| Urologic Disease | 9 | 0 | 0 -100 | 8 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 78 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 41 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# LETTERMAN GEN HOSP
PRESIDIO OF SAN FRANCISCO
SAN FRANCISCO, CA 94129

Medicare Hospital Provider Number: 05019F

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 0 | - | - | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 0 | - | - |
| Musculoskeletal/Skin Conditions | 0 | - | - | 0 | - | - |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 0 | - | - |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA (not available)

| | |
|---|---|
| Total Beds (#): | 560 |
| Ownership/Control: | Federal Government |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 0 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## LINDA VISTA COMM HOSP

610 S ST LOUIS ST
LOS ANGELES, CA 90023

Medicare Hospital Provider Number: 050049

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 494 | 13 | 10 - 17 | 359 | 11 | 10 - 18 |
| Cancer | 8 | 38 | 9 - 70 | 6 | 17 | 20 - 80 |
| Cerebrovascular Accidents | 24 | 29 | 14 - 51 | 10 | 30 | 10 - 64 |
| Gastrointestinal Catastrophes | 9 | 44 | 7 - 68 | 7 | 29 | 9 - 71 |
| Infectious Disease | 12 | 17 | 14 - 60 | 9 | 22 | 16 - 70 |
| Metabolic/Electrolyte Disorders | 8 | 38 | 3 - 69 | 11 | 0 | 6 - 42 |
| Pulmonary Disease | 35 | 29 | 17 - 48 | 33 | 39 | 21 - 55 |
| Renal Failure | 7 | 43 | 11 - 80 | 2 | 0 | 0 - 92 |
| Severe Acute Heart Disease | 15 | 60 | 20 - 67 | 1 | 0 | 3 - 98 |
| Severe Chronic Heart Disease | 32 | 13 | 13 - 38 | 21 | 19 | 12 - 47 |
| Severe Trauma | 0 | - | - | 2 | 0 | 1 - 91 |
| Gastrointestinal Disease | 31 | 3 | 0 - 39 | 24 | 0 | 1 - 21 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 51 | 4 | 1 - 18 | 38 | 0 | 1 - 14 |
| Musculoskeletal/Skin Conditions | 38 | 0 | 0 - 18 | 31 | 3 | 0 - 80 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 37 | 3 | 0 - 67 | 26 | 4 | 0 - 47 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 150 |
| Occupancy Rate (%): | 19 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## LINDSAY HOSPITAL MEDICAL CENTER

740 N. SEQUOIA, P.O. BOX 40
LINDSAY, CA 93247

Medicare Hospital Provider Number: 050068

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 325 | 15 | 11 - 19 | 370 | 11 | 9 - 17 |
| Cancer | 5 | 60 | 14 - 84 | 9 | 44 | 14 - 73 |
| Cerebrovascular Accidents | 8 | 50 | 6 - 68 | 13 | 15 | 9 - 52 |
| Gastrointestinal Catastrophes | 4 | 25 | 3 - 80 | 3 | 67 | 7 - 88 |
| Infectious Disease | 6 | 50 | 10 - 77 | 6 | 67 | 15 - 81 |
| Metabolic/Electrolyte Disorders | 10 | 0 | 6 - 45 | 9 | 0 | 3 - 47 |
| Pulmonary Disease | 37 | 22 | 17 - 46 | 25 | 12 | 11 - 41 |
| Renal Failure | 2 | 100 | 6 - 91 | 0 | - | - |
| Severe Acute Heart Disease | 20 | 50 | 22 - 64 | 15 | 20 | 21 - 62 |
| Severe Chronic Heart Disease | 24 | 29 | 8 - 45 | 31 | 23 | 11 - 42 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 19 | 0 | 0 - 52 | 21 | 5 | 0 - 76 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 43 | 7 | 0 - 31 | 47 | 4 | 1 - 21 |
| Musculoskeletal/Skin Conditions | 17 | 0 | 0 - 76 | 27 | 4 | 0 - 53 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 - 83 | 7 | 0 | 0 -100 |
| Urologic Disease | 4 | 0 | 0 -100 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 101 |
| Occupancy Rate (%): | 76 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 26 |
| Percent of Physicians Who Are Board Certified Specialists: | 65 |
| Interns and Residents: | 0 |
| Registered Nurses: | 38 |
| Licensed Practical Nurses: | 25 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Lindsay Hospital
Medical Center
740 North Sequoia • P.O. Box 40
Lindsay, California 93247
(209) 562-4955

October 4, 1988

Health Standards and Quality Bureau, HCFA
Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Lindsay Hospital Medical Center is a 101 bed facility with fifty of those beds being acute care beds. As a result Lindsay Hospital has some Diagnostic Categories with very few cases.

Renal Failure is a category where only two cases were admitted in 1987 and both cases died either in the hospital or at home. In the year of 1986 Lindsay Hospital had zero patients admitted for Renal Failure. The sample size is so small in the case of small hospitals that accurate conclusions may not be able to be drawn.

Please contact Lindsay Hospital (209) 562-4955 for any further information.

Sincerely,

Darla Ketscher

Darla Ketscher
Administrative Director of
Medical Staff Services

DK:sf

## LITTLE COMPANY OF MARY HOSP

4101 TORRANCE BLVD
TORRANCE, CA 90503

Medicare Hospital Provider Number: 050353

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,073 | 12 | 10 - 14 | 1,944 | 12 | 10 - 14 |
| Cancer | 66 | 42 | 29 - 56 | 57 | 40 | 27 - 55 |
| Cerebrovascular Accidents | 79 | 18 | 18 - 37 | 67 | 34 | 16 - 40 |
| Gastrointestinal Catastrophes | 16 | 44 | 18 - 66 | 19 | 47 | 14 - 60 |
| Infectious Disease | 36 | 25 | 24 - 55 | 30 | 53 | 27 - 64 |
| Metabolic/Electrolyte Disorders | 27 | 15 | 10 - 43 | 28 | 36 | 10 - 48 |
| Pulmonary Disease | 106 | 21 | 18 - 37 | 101 | 29 | 19 - 40 |
| Renal Failure | 7 | 29 | 12 - 79 | 4 | 50 | 15 - 94 |
| Severe Acute Heart Disease | 86 | 35 | 27 - 50 | 74 | 38 | 30 - 53 |
| Severe Chronic Heart Disease | 109 | 22 | 15 - 32 | 86 | 16 | 14 - 32 |
| Severe Trauma | 4 | 0 | 3 - 72 | 3 | 0 | 2 - 81 |
| Gastrointestinal Disease | 97 | 7 | 0 - 17 | 120 | 2 | 1 - 9 |
| Gynecologic Disease | 15 | 0 | 0 -100 | 9 | 0 | 0 - 83 |
| Low-Risk Heart Disease | 425 | 4 | 2 - 6 | 371 | 4 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 152 | 2 | 1 - 7 | 151 | 5 | 1 - 11 |
| Neuropsychiatric/Sensory Disease | 39 | 10 | 0 - 65 | 33 | 3 | 0 - 32 |
| Urologic Disease | 93 | 4 | 0 - 38 | 79 | 0 | 0 - 9 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 239
Occupancy Rate (%): (not available)
Ownership/Control: Church

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

Little Company of Mary Hospital
4101 Torrance Boulevard, Torrance, California 90503 • (213) 540-7676

James C. Lester
President

October 17, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Hospital Mortality Information
Post Office Box 26684
Baltimore, MD 21207

Medicare Provider Number 050353

COMMENTS ON HCFA MORTALITY DATA - 1987

The data presented to Little Company of Mary Hospital indicates that a total of 242 Medicare patients admitted to the hospital in 1987 died within thirty days of admission. Of these, 183 died while still a patient of the hospital, and 59 died after discharge. Our records indicate that 3432 Medicare discharges occurred in 1987, which would indicate that our mortality rate based on those patients who died in the hospital setting is 5.3%. It is not possible to determine the cause of death for the 59 patients who died after discharge, as information concerning death after discharge is not included in the inpatient medical record. The cause of death for these 59 patients may be unrelated to the principle diagnosis that resulted in the hospital admission. The following breakdown of patients who died after discharge highlights the diagnostic category for the admission:

| DIAGNOSTIC CATEGORY | NUMBER OF PATIENTS DYING AFTER DISCHARGE | PERCENTAGE OF TOTAL PATIENTS IN CATEGORY |
|---|---|---|
| Cancer | 7 | 25% |
| Cerebrovascular Accident | 0 | 0% |
| Gastrointestinal Catastrophes | 1 | 14% |
| Gastrointestinal Disease | 3 | 43% |
| Urologic Disease | 2 | 50% |
| Low-risk Heart Disease | 4 | 23% |
| Severe Acute Heart Disease | 3 | 7% |
| Musculoskeletal and Cutaneous Conditions | 2 | 67% |
| Pulmonary Disease | 3 | 14% |
| Renal Failure | 1 | 50% |
| Neuropsychiatric and Sensory Disease | 2 | 50% |
| Severe Chronic Heart Disease | 8 | 33% |
| Metabolic/Electrolyte Disturbances | 1 | 25% |
| All Other Diseases | 20 | 30% |
| Infectious Disease | 2 | 22% |

### Interpretation of Data

In none of the diagnostic categories does the hospital's actual mortality rate fall outside of the range of the predicted mortality rate as submitted by HCFA. The patient records of all Medicare mortalities were reviewed and the deaths in the high risk categories were not unexpected. In the 10 high risk categories, Little Company of Mary Hospital did not exceed the range of predicted mortality rates in any area. In the low risk categories, Little Company of Mary Hospital was on the low end of the range in most areas. In two categories, severe trauma and gynecologic disease, we experienced no mortalities.

Little Company of Mary Hospital carries out quality review activities on all patients. The Hospital and Medical Staff focus on any problem areas where patient care can be improved. All mortalities are included in this review process. California Medical Review reviews 30-40% of all Medicare discharges and focuses on mortality, readmissions and other quality indicators. In these reviews, our mortality rate has not been identified as a significant factor in the quality of care. Little Company of Mary Hospital continues to utilize the data provided by HCFA, CMRI and our own reviews in order to identify any patterns of care that could be improved.

Sincerely,

LITTLE COMPANY OF MARY HOSPITAL

James C Lester

James C. Lester
President

JCL/kap

## LODI MEM HOSP

975 S FAIRMONT AVE
LODI, CA 95240

Medicare Hospital Provider Number: 050336

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,351 | 12 | 9 - 14 | 1,323 | 15 | 10 - 15 |
| Cancer | 45 | 53 | 25 - 56 | 55 | 47 | 26 - 55 |
| Cerebrovascular Accidents | 47 | 23 | 16 - 41 | 63 | 27 | 15 - 38 |
| Gastrointestinal Catastrophes | 14 | 7 | 21 - 58 | 15 | 53 | 19 - 68 |
| Infectious Disease | 11 | 55 | 8 - 64 | 12 | 42 | 15 - 68 |
| Metabolic/Electrolyte Disorders | 23 | 13 | 8 - 43 | 29 | 24 | 11 - 47 |
| Pulmonary Disease | 69 | 28 | 17 - 41 | 60 | 22 | 14 - 38 |
| Renal Failure | 7 | 100 | 20 - 74 | 7 | 71 | 11 - 78 |
| Severe Acute Heart Disease | 48 | 40 | 27 - 55 | 51 | 43 | 26 - 55 |
| Severe Chronic Heart Disease | 58 | 22 | 13 - 35 | 60 | 30 | 12 - 37 |
| Severe Trauma | 3 | 67 | 2 - 86 | 0 | - | - |
| Gastrointestinal Disease | 96 | 3 | 0 - 12 | 92 | 5 | 0 - 16 |
| Gynecologic Disease | 25 | 0 | 0 -100 | 15 | 0 | 0 -100 |
| Low-Risk Heart Disease | 147 | 3 | 1 - 8 | 150 | 6 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 135 | 2 | 0 - 9 | 144 | 8 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 30 | 3 | 0 - 44 | 25 | 8 | 0 - 93 |
| Urologic Disease | 70 | 3 | 0 - 24 | 64 | 2 | 0 - 29 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

| | |
|---|---|
| Total Beds (#): | 99 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 126 |
| Licensed Practical Nurses: | 23 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Lodi
Memorial
Hospital

975 South Fairmont Avenue
Lodi, California 95240
(209) 334-3411

October 17, 1988

MEDICARE BENEFICIARY

RE: MORTALITY STATISTICS - January 1 - December 31, 1987

Dear Beneficiary:

Lodi Memorial Hospital is a 101 bed acute care facility, whose case mix includes many patients requiring major medical and/or surgical treatments.

The data for mortality rates at Lodi Memorial Hospital has been carefully reviewed by appropriate members of our staff and has been determined to be accurate for the most part. We have chosen to highlight those diagnostic categories which fall high on the predicted range.

Of the 1,351 Medicare patients admitted to our hospital in 1987, 116 or 8.6% resulted in hospital deaths. The report shows the actual mortality rate to be 12%, or 162 patients. Of these, our Director of Utilization Management validates that 116 occurred in the hospital, while 46 died following discharge -- 20 at home, 24 in nursing homes, and 2 at other acute care hospitals.

In concurrence with good practice, every patient mortality that occurs at Lodi Memorial Hospital is reviewed on an ongoing basis by the Medical Staff Department. With this continuous feedback, we are able to improve our quality of care.

The HCFA study reveals Lodi Memorial Hospital to be close to the high end of the range of predicted morality rates in one area, and at 100% morality in another area. Both are considered high risk areas: cancer and renal failure.

Our findings regarding these areas are listed below:

Cancer

The predicted range of mortality is 25-56%. Ours as reported is 53%. This represents 24 patients of which 7 died after discharge from the hospital, bringing mortality rate to 23.8%. The average age of all 24 patients in this category was 70.7 years of age.

Renal Failure

The predicted range of mortality for this category is 20-74%. Ours as reported is 100%. This represents 7 patients of which 2 died outside the hospital, bringing the actual mortality rate down to 71%. The average age of all 7 patients in this category was 80.7 years of age.

While a good tool to assist in identifying opportunities to improve care, the mortality statistics for Lodi Memorial Hospital do not reveal anything out of the ordinary and are perfectly in line with the age and acuity of the patients seen here.

The Medical Staff of Lodi Memorial Hospital, as has been their practice, will continue to review all morality cases for quality and appropriateness of care given to the individual patient. Trending analysis from these reviews is part of our constant endeavor to identify opportunities for improving care.

Thank you for the opportunity to share our findings with you and other appropriate groups.

Sincerely,

Richard Sandford

Richard Sandford,
Administrator

ms87:b13

## LOMA LINDA COMMUNITY HOSP

25333 BARTON RD
LOMA LINDA, CA 92354

Medicare Hospital Provider Number: 050587

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 883 | 13 | 10 - 16 | 1,060 | 10 | 9 - 14 |
| Cancer | 14 | 36 | 18 - 66 | 13 | 38 | 11 - 62 |
| Cerebrovascular Accidents | 38 | 34 | 17 - 47 | 34 | 24 | 18 - 48 |
| Gastrointestinal Catastrophes | 4 | 50 | 7 - 84 | 5 | 40 | 2 - 79 |
| Infectious Disease | 12 | 33 | 15 - 66 | 13 | 23 | 18 - 65 |
| Metabolic/Electrolyte Disorders | 26 | 23 | 11 - 48 | 28 | 32 | 6 - 45 |
| Pulmonary Disease | 77 | 31 | 19 - 42 | 85 | 25 | 18 - 39 |
| Renal Failure | 13 | 8 | 11 - 62 | 4 | 50 | 7 - 86 |
| Severe Acute Heart Disease | 13 | 62 | 17 - 66 | 29 | 21 | 27 - 58 |
| Severe Chronic Heart Disease | 46 | 39 | 13 - 42 | 38 | 16 | 14 - 39 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 62 | 2 | 1 - 13 | 67 | 4 | 1 - 16 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 81 | 0 | 2 - 7 | 97 | 2 | 2 - 10 |
| Musculoskeletal/Skin Conditions | 98 | 1 | 0 - 10 | 132 | 4 | 1 - 10 |
| Neuropsychiatric/Sensory Disease | 28 | 0 | 0 - 43 | 53 | 0 | 0 - 17 |
| Urologic Disease | 35 | 3 | 0 - 41 | 46 | 2 | 0 - 30 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 120 |
| Occupancy Rate (%): | 50 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 166 |
| Percent of Physicians Who Are Board Certified Specialists: | 67 |
| Interns and Residents: | 0 |
| Registered Nurses: | 97 |
| Licensed Practical Nurses: | 46 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

LOMA LINDA
COMMUNITY HOSPITAL
A MEMBER OF ADVENTIST HEALTH SYSTEM LOMA LINDA

October 4, 1988 Provider #050587

RE: Health Care Financing Administration (HCFA) Mortality Data Release

To Whom It May Concern:

Loma Linda Community Hospital (LLCH) wishes to comment on the contents of the data that is being provided to you by HCFA. Although we are very pleased with the positive results the reports reflects upon our facility it is important to stress that the summary of data presented is only useful if one has a full understanding of its scope and limitations.

In reviewing this data it is important to keep the following factors in mind:

1. Incomplete or Inaccurate Data - The information HCFA provided may not include a 100% sample of all patients admitted in 1987 who died within in 30 days of hospital discharge or during hospitalization. Deaths occurring after the end of the first month of 1988 were excluded from the report.

2. Level of Acuity - Loma Linda Community Hospital is closely related to Loma Linda University Medical Center (LLUMC), a 546 bed tertiary care center. Due to the dual affiliation at both facilities of our medical staff, many of our patients are much sicker and require a much higher level of care than patients traditionally seen at a community hospital of our size.

3. Internal Peer Review System - All deaths at LLCH are screened for quality assurance purposes as dictated by the physicians. This is done in order to insure that even though a death has occurred that the patient was given appropriate and adequate medical attention.

In addition, the following general thoughts may provide some assistance in explaining apparent variations from the norms had they existed:

25333 BARTON ROAD AT BENTON LOMA LINDA, CA 92354 TELEPHONE: (714) 796-0167 OR 825-8601

1. Death rates do not indicate why a patient dies. The way one determines whether or not a death in the hospital could have been avoided, is to examine each patient's medical record to discover individual circumstances.

2. The data does not take into account the severity of the individual patient's injury or illness. Patients in critical conditions from accidents and patients who are terminally ill are included in the data. When admitted to the hospital, the patient may be barely alive with a poor prognosis.

3. Patients may have more than one medical problem. Many patients do not die from the principal diagnosis. But the data presented by HCFA will not reflect multiple, contributing complications of death.

4. The data does not reflect where the patients came from and patients admitted through the emergency room are generally more high risk candidates than others. Patient admitted from nursing homes tend to be sicker than those admitted who are still able to care for themselves at home.

5. Certain hospitals generally treat more seriously ill patients than other hospitals. Hospitals associated with teaching hospitals and special units of some hospitals receive high risk cases from other hospitals because they have the necessary high technology equipment and experienced physicians to provide extraordinary care. It is logical that these hospitals would have a higher death rate in some categories. A low death rate at a particular hospital may influence consumers to seek care at a hospital that is not fully equipped or fully staffed to provide care for high risk patients.

6. The number of patients within a particular diagnostic category will greatly influence the death rate percentage. The smaller the number of patients in the category, the more likely the number is subject to misinterpretation.

7. Although the information published applies only to Medicare, it can create false impressions of the overall quality of care at hospitals.

Respectfully submitted,

Everett J. Gooch
President

# LOMA LINDA UNIVERSITY MEDICAL CENTER

11234 ANDERSON ST
LOMA LINDA, CA 92354

Medicare Hospital Provider Number: 050327

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,578 | 11 | 10 - 14 | 3,743 | 10 | 10 - 14 |
| Cancer | 154 | 38 | 32 - 52 | 185 | 38 | 33 - 53 |
| Cerebrovascular Accidents | 114 | 21 | 19 - 35 | 119 | 21 | 20 - 37 |
| Gastrointestinal Catastrophes | 38 | 53 | 23 - 58 | 50 | 30 | 21 - 52 |
| Infectious Disease | 39 | 49 | 22 - 56 | 29 | 41 | 17 - 55 |
| Metabolic/Electrolyte Disorders | 66 | 23 | 14 - 41 | 78 | 35 | 18 - 45 |
| Pulmonary Disease | 118 | 25 | 18 - 37 | 140 | 28 | 18 - 37 |
| Renal Failure | 32 | 19 | 5 - 55 | 31 | 19 | 6 - 57 |
| Severe Acute Heart Disease | 109 | 37 | 27 - 47 | 96 | 32 | 29 - 49 |
| Severe Chronic Heart Disease | 135 | 19 | 15 - 30 | 118 | 25 | 15 - 33 |
| Severe Trauma | 18 | 22 | 12 - 55 | 16 | 25 | 9 - 56 |
| Gastrointestinal Disease | 179 | 4 | 1 - 9 | 163 | 4 | 2 - 10 |
| Gynecologic Disease | 51 | 0 | 0 -100 | 70 | 0 | 0 - 72 |
| Low-Risk Heart Disease | 473 | 3 | 2 - 6 | 594 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 335 | 2 | 1 - 6 | 339 | 1 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 132 | 5 | 1 - 12 | 123 | 0 | 1 - 6 |
| Urologic Disease | 174 | 2 | 1 - 7 | 162 | 2 | 1 - 8 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 525 |
| Occupancy Rate (%): | 88 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 376 |
| Percent of Physicians Who Are Board Certified Specialists: | 81 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

Loma Linda University Medical Center
11234 Anderson St. • P.O. Box 2000 • Loma Linda, CA 92354 • 714-796-7311

WRITER'S DIRECT DIAL NUMBER (714)824-4637

October 15, 1988

William L. Roper, M.D.
Healthcare Financing Administration
Health Standards and Quality Bureau
Hospital Mortality Information
P.O. Box 26684
Baltimore, MD 21207

Dr. Roper:

Thank you for the opportunity to respond to HCFA's release of mortality data for 1987. Our UR and QA departments have reviewed the data. We appreciate the efforts by HCFA in further improving the statistical validity of the data, however, recognize that it only provides a small glimpse into the quality of care provided.

Comparing our data from 1986 with 1987, we again find that Loma Linda University Medical Center's mortality rates fall well within the predicted ranges and generally are in the lower range. This in spite of our status as a regional tertiary care referral center receiving patients from a very wide area with the most serious diseases, illnesses and injuries. We remain one of the few trauma centers still open in the region.

Our internal review identified areas with apparent increases in mortality rate from the '86 report and observed the following:

1) Diagnostic categories often are misleading in classifying the terminal events. A good example would be the apparent deaths within the neurological disease category which on review were found to be manifestations of other terminal diseases.

2) The University Medical Center has a very active cancer treatment program and review revealed that 50% of infectious disease related deaths were secondary to terminal malignancies.

3) Tertiary care hospitals generally treat the more seriously ill patients and this was confirmed by a review of acute gastrointestinal diseases and acute cardiac diseases where 50% of the former suffered from severe and terminal chronic liver disease and about 1/3 of the latter were acute aortic ruptures which carry an exceedingly high mortality rate.

We again thank you for the opportunity to comment on the mortality data and invite anybody receiving this information who may have additional questions to contact the University Medical Center's Community Relations department, Mr. Dick Schaefer, at (714)824-4419.

Sincerely,

Thomas J Zirkle

Thomas J. Zirkle, M.D.
Vice President

## LOMPOC DISTRICT HOSP

508 EAST HICKORY AVENUE
LOMPOC, CA 93436

Medicare Hospital Provider Number: 050110

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 525 | 12 | 7 - 14 | 557 | 14 | 8 - 15 |
| Cancer | 13 | 38 | 15 - 66 | 20 | 35 | 21 - 63 |
| Cerebrovascular Accidents | 20 | 15 | 11 - 45 | 25 | 32 | 13 - 49 |
| Gastrointestinal Catastrophes | 3 | 67 | 3 - 86 | 7 | 71 | 9 - 71 |
| Infectious Disease | 2 | 50 | 4 - 93 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 2 | 50 | 0 - 97 | 4 | 50 | 1 - 86 |
| Pulmonary Disease | 26 | 31 | 10 - 47 | 21 | 33 | 11 - 51 |
| Renal Failure | 2 | 0 | 1 - 92 | 2 | 100 | 2 - 89 |
| Severe Acute Heart Disease | 25 | 36 | 19 - 57 | 12 | 50 | 20 - 72 |
| Severe Chronic Heart Disease | 38 | 32 | 8 - 39 | 26 | 35 | 13 - 49 |
| Severe Trauma | 1 | 0 | 0 - 99 | 0 | - | - |
| Gastrointestinal Disease | 38 | 0 | 0 - 20 | 45 | 4 | 0 - 29 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 15 | 0 | 0 -100 |
| Low-Risk Heart Disease | 45 | 0 | 1 - 12 | 52 | 6 | 0 - 27 |
| Musculoskeletal/Skin Conditions | 53 | 0 | 0 - 12 | 55 | 5 | 0 - 34 |
| Neuropsychiatric/Sensory Disease | 14 | 0 | 0 - 99 | 10 | 0 | 0 - 99 |
| Urologic Disease | 43 | 0 | 0 - 80 | 35 | 0 | 0 - 88 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 170 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

LOMPOC
HOSPITAL DISTRICT

050110

## COMMENTS ON 1986, 1987 MEDICARE HOSPITAL MORTALITY INFORMATION

Mortality Statistics for 1987 indicated Lompoc Hospital District's statistics are within the predicted mortality range in all sixteen diagnostic categories. 1986 statistics indicate Lompoc Hospital District's statistics are within the predicted range in all except the category of Renal Failure.

In both 1986 and 1987 we admitted two Medicare patients with the principal diagnosis of Renal Failure. In 1986, both patients expired. In 1987, both patients were discharged alive. We think the number of admissions in this diagnostic category is too small for the mortality rate to be statistically significant. The fewer the number of cases included in a given diagnostic category, the greater the uncertainty of the expected mortality range. There are significantly different risks of death in the same diagnostic category dependant upon the severity of illness at the time of admission. It is by chance that the two 1986 patients were significantly "sicker"than the two 1987 patients. With such small numbers one would need to look at the statistics over a longer period of time to draw any valid conclusions.

508 East Hickory Avenue • P.O. Box 1058 • Lompoc, California 93438 • (805) 735-3351

LOMPOC
HOSPITAL DISTRICT

050110

## PATIENT SPECIFIC INFORMATION

## 1986 MEDICARE ADMISSIONS WITH PRINCIPAL DIAGNOSIS OF RENAL FAILURE

1. 66 year old nursing home resident with preexisting cerebrovascular disease with multiple strokes. She developed a urinary tract infection and acute renal failure and congestive heart failure prior to transfer to Lompoc District Hospital. She failed to respond to treatment and died within 24 hours of admission.
2. 61 year old with diabetes, chronic renal failure on dialysis at another facility. Cardiac arrest at home with CPR by paramedics. Resuscitated but remained in coma and died within 3 hours of admission.

We think these two cases point out that there are still significantly different risks of death in the same diagnostic category dependant upon the severity of illness at the time of admission. We had no deaths in this category in 1987. Our treatment pattern did not change. The severity of illness of the patients on admission did change.

508 East Hickory Avenue • P.O. Box 1058 • Lompoc, California 93438 • (805) 735-3351

## LONG BEACH COMMUNITY HOSPITAL

1720 TERMINO AVE
LONG BEACH, CA 90804

Medicare Hospital Provider Number: 050170

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,020 | 15 | 10 - 15 | 1,906 | 12 | 10 - 15 |
| Cancer | 87 | 40 | 27 - 52 | 65 | 45 | 31 - 58 |
| Cerebrovascular Accidents | 82 | 33 | 17 - 39 | 88 | 32 | 20 - 40 |
| Gastrointestinal Catastrophes | 9 | 33 | 8 - 67 | 13 | 31 | 14 - 64 |
| Infectious Disease | 38 | 39 | 24 - 58 | 38 | 34 | 22 - 56 |
| Metabolic/Electrolyte Disorders | 34 | 29 | 11 - 46 | 31 | 10 | 10 - 39 |
| Pulmonary Disease | 145 | 34 | 21 - 39 | 115 | 23 | 19 - 38 |
| Renal Failure | 8 | 50 | 10 - 77 | 12 | 33 | 18 - 78 |
| Severe Acute Heart Disease | 83 | 51 | 27 - 50 | 59 | 47 | 26 - 52 |
| Severe Chronic Heart Disease | 88 | 27 | 13 - 33 | 83 | 19 | 15 - 34 |
| Severe Trauma | 2 | 50 | 3 - 92 | 2 | 0 | 2 - 89 |
| Gastrointestinal Disease | 109 | 3 | 1 - 10 | 126 | 2 | 1 - 8 |
| Gynecologic Disease | 16 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 310 | 5 | 1 - 7 | 247 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 187 | 4 | 1 - 9 | 193 | 0 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 64 | 5 | 0 - 22 | 74 | 4 | 0 - 20 |
| Urologic Disease | 92 | 1 | 0 - 10 | 81 | 0 | 1 - 8 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 284 |
| Occupancy Rate (%): | 62 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# RESPONSE TO HCFA RELEASE OF MORTALITY DATA

## Long Beach Community Hospital

Long Beach Community Hospital continues to enjoy a reputation as the city's center for excellence in personalized, state-of-art healthcare services.

Since its birth some 64 years ago, Long Beach Community Hospital's sophisticated services have grown to meet the needs of residents of the greater Long Beach area. Among other things, the hospital has a comprehensive cardiac care program, a diversified and complete oncology treatment program, a level III neonatal intensive care unit, complete maternity care services and an outpatient surgery unit.

Long Beach Community Hospital fully supports and encourages the efforts by HCFA to establish some meaningful baseline criteria with which to measure "quality of care." Certainly the American consumer is entitled to this information and Long Beach Community Hospital stands ready to assist in any way with helping further advance this cause.

However, while we are supportive of these efforts, it is important that consumers be aware of some important shortcomings in the current methodology that -- without a proper context and perspective -- can skew the information that is ultimately distributed.

There is no doubt that these methods are improving each year, however HCFA even published a letter to hospitals that stated, "the publication of hospital Medicare mortality information is an ongoing process at HCFA. We will continue to refine the analytical methodologies and data validation techniques which are a part of this process."

While Long Beach Community Hospital was found to be well within predicted morality rates in all but one category, it is important to understand some of the deficiencies of the HCFA system in order to view their results in a proper perspective. These deficiencies range from relatively minor things such as their listing of LBCH as a 155-bed hospital (when last year it was listed as a 286-bed hospital) with 200 physicians (active and associate medical staff numbers approximately 500 physicians), to serious issues such as omission of information on specific mortalities.

For example, in re-reviewing the severe acute heart disease category in which our statistics were one percent above the predicted mortality range, some important information is lost when simply looking at the numbers themselves. While many hospitals have hidden behind a blanket statement that "we care for a more acutely ill population," some hospitals, such as LBCH have documented evidence of this claim.

Among the mortalities in the severe chronic heart disease category, a thorough review found an extremely high incidence of co-morbidity with patients who had chronic brain syndrome, renal failure, metastatic cancer, diabetes, Parkinsonism, gastrointestinal bleeding, abdominal aortic aneurysm and other catastrophic vascular events.

Additionally, almost 50 percent of these patients that expired were in the "Do Not Resuscitate" category because of family or personal wishes. Many of these patients were shown to have had full cardiac arrest in the field before coming into the hospital, and almost all of the patients were over the age of 75.

We are in agreement with Alain Einthoven from Stanford University who stated in the October issue of Reader's Digest that "mortality rates don't correlate with quality as some of the best cardiac teams in the country have a higher rate because of the referral system and sources."

Long Beach Community Hospital is committed to providing the highest degree of excellence in patient care and has initiated aggressive quality assurance programs which provide coordinated and systematic approaches to the identification and resolution of problems in the delivery of patient care.

In fact, the cardiac services department at LBCH has initiated their own committee which reviews -- on a weekly basis -- all of the upcoming cardiac procedures for that week and determines which ones are appropriate and indicated, and which ones should not be performed. This is not only extremely helpful in safeguarding patients from potentially unnecessary procedures, but is also highly unique and is a practice that is unusual at most hospitals.

In closing, we again reiterate our basic support of HCFA and for the need of meaningful, accurate data by which to evaluate quality of care. However, the current mortality comparisons lack the detailed support information such as each patient's unique response to illness, care, and treatment, and the constellation of other illnesses and conditions of the patient that are not directly related to the main diagnosis.

Long Beach Community Hospital would be happy to discuss these statistical data in more detail and further explain some of the nuances that are involved in the calculation of these figures.

If you would like to arrange for an interview with regard to this information, please call Doug Stokke at (213) 494-0663. He would be happy to arrange for a prompt and thorough interview.

Howard LeVant
Chief Executive Officer

## LONG BEACH DOCTORS HOSPITAL

1725 PACIFIC AVENUE
LONG BEACH, CA 90813

Medicare Hospital Provider Number: 050343

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 348 | 9 | 8 - 15 | 296 | 9 | 9 - 17 |
| Cancer | 8 | 38 | 10 - 70 | 8 | 25 | 15 - 73 |
| Cerebrovascular Accidents | 13 | 8 | 9 - 46 | 12 | 33 | 10 - 61 |
| Gastrointestinal Catastrophes | 0 | - | - | 3 | 100 | 12 - 85 |
| Infectious Disease | 5 | 80 | 6 - 75 | 8 | 25 | 9 - 68 |
| Metabolic/Electrolyte Disorders | 6 | 33 | 6 - 74 | 10 | 0 | 4 - 44 |
| Pulmonary Disease | 38 | 18 | 12 - 39 | 27 | 41 | 13 - 50 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 5 | 60 | 14 - 84 | 2 | 50 | 6 - 94 |
| Severe Chronic Heart Disease | 21 | 19 | 9 - 45 | 13 | 8 | 11 - 48 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 21 | 0 | 0 - 45 | 16 | 6 | 0 - 93 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 71 | 0 | 1 - 8 | 53 | 0 | 2 - 10 |
| Musculoskeletal/Skin Conditions | 37 | 0 | 0 - 19 | 29 | 0 | 0 - 36 |
| Neuropsychiatric/Sensory Disease | 7 | 0 | 0 - 99 | 10 | 0 | 0 - 93 |
| Urologic Disease | 4 | 0 | 0 -100 | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 43 |
| Occupancy Rate (%): | 49 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 41 |
| Percent of Physicians Who Are Board Certified Specialists: | 44 |
| Interns and Residents: | 0 |
| Registered Nurses: | 26 |
| Licensed Practical Nurses: | 2 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

LONG BEACH
Doctors Hospital

October 10, 1988 Medicare Provider # 050343

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Comments on Mortality Data

In only one of the diagnostic categories, Long Beach Doctors Hospital's actual mortality rate fell outside the predicted mortality rate. In this diagnostic category, (Infectious Disease), only five Medicare patients were treated. Of the four patients who expired during hospitalization:

- Patient 1, an 81 year old female, was admitted in a critical condition with a DNR status. Death was expected at the time of admission.
- Patient 2, a 75 year old female, had a history of congestive heart failure, severe peripheral vascular disease, and diabetes. Death was considered inevitable.
- Patient 3, an 86 year old female, experienced respiratory failure and pleural effusion. Medical management was correct and adequate, and the death was considered unavoidable.
- Patient 4, a 78 year old female, admitted hypotensive with positive cultures and in respiratory distress. Aggressive medical management was maintained but the patient's condition deteriorated. Death was considered unavoidable.

The mortailty rate for the Infectious Disease category was 80%, 5% greater than the predicted mortality rate. In this diagnostic category the volume of patients treated at Long Beach Doctors Hospital for the period was not sufficient to be statistically meaningful.

Contact: Mary French, RN
Utilization Review Coordinator
(213) 599-3551

1725 PACIFIC AVE., LONG BEACH, CA 90813 (213) 599-3551

## LOS ALAMITOS GENERAL HOSPITAL

3751 KATELLA AVENUE
LOS ALAMITOS, CA 90720

Medicare Hospital Provider Number: 050551

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,763 | 15 | 13 - 18 | 1,846 | 15 | 14 - 19 |
| Cancer | 62 | 45 | 28 - 55 | 54 | 50 | 28 - 58 |
| Cerebrovascular Accidents | 95 | 28 | 21 - 41 | 93 | 26 | 22 - 42 |
| Gastrointestinal Catastrophes | 14 | 71 | 25 - 72 | 27 | 26 | 20 - 57 |
| Infectious Disease | 38 | 29 | 21 - 53 | 40 | 30 | 27 - 59 |
| Metabolic/Electrolyte Disorders | 21 | 10 | 17 - 50 | 21 | 38 | 10 - 54 |
| Pulmonary Disease | 119 | 37 | 20 - 40 | 142 | 32 | 20 - 39 |
| Renal Failure | 16 | 44 | 19 - 76 | 13 | 54 | 20 - 80 |
| Severe Acute Heart Disease | 84 | 52 | 33 - 56 | 120 | 47 | 35 - 55 |
| Severe Chronic Heart Disease | 107 | 20 | 17 - 33 | 132 | 17 | 18 - 33 |
| Severe Trauma | 9 | 33 | 9 - 68 | 1 | 0 | 0 -100 |
| Gastrointestinal Disease | 89 | 3 | 1 - 12 | 95 | 3 | 2 - 11 |
| Gynecologic Disease | 19 | 0 | 0 -100 | 18 | 0 | 0 -100 |
| Low-Risk Heart Disease | 221 | 3 | 2 - 8 | 229 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 134 | 1 | 1 - 7 | 139 | 2 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 38 | 5 | 0 - 35 | 30 | 3 | 0 - 48 |
| Urologic Disease | 76 | 1 | 0 - 11 | 69 | 12 | 0 - 29 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 173 |
| Occupancy Rate (%): | 53 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 114 |
| Percent of Physicians Who Are Board Certified Specialists: | 77 |
| Interns and Residents: | 0 |
| Registered Nurses: | 120 |
| Licensed Practical Nurses: | 29 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# Los Alamitos Medical Center

NICHOLAS V. McCLURE
Executive Director

October 26, 1988

Health Standards and
Quality Bureau
HCFA
Attn: Sandra Kappert
Meadows East Building, 2-D-2
6325 Security Blvd.
Baltimore, MD 21207

Dear Ms. Kappert:

Thank you for giving us the opportunity to respond to the HCFA data concerning mortality rates in our hospital for the calendar year 1987, as well as 1986.

Los Alamitos Medical Center is dedicated to providing the highest possible quality of care and our medical staff, as well as the hospital departments, have implemented comprehensive quality assurance systems to monitor the care given at the facility. We have reviewed the details submitted and would like to offer the following comments:

1. Los Alamitos Medical Center serves a high proportion of the older population due to our proximity to a retirement community of approximately 9,000 residents located five miles from the hospital. These patients often are admitted with multiple problems unrelated to the primary diagnosis and the deaths are often as a result of underlying complications of multiple disease processes. However, the average age of the community is now 77.6 compared to 74.0 sixteen years ago which certainly is an indicator of the overall quality of medical care provided to these patients.

2. We would also like to comment on the reporting of deaths which occur outside the facility after discharge. We would like to have the opportunity to research these in more detail however, due to confidentiality constraints and other factors, we recognize that this is not practical. However, it should be noted that in these cases the deaths may be totally unrelated to the hospital admission.

Please note the following corrections to the hospital characteristics information shet:

3751 Katella Avenue, Los Alamitos, California 90720 (213) 598-1311 - (714) 826-6400
A National Medical Enterprises Health Care Facility

Total Beds: 173
Specialty services-Coronary Care Unit: Yes
Hospice Care - Yes, (contracted)

If you have any questions, do not hesitate to contact me at 213/799-3183. Once again, thank you for giving us this opportunity to respond.

Sincerely yours,

Nicholas V. McClure
Executive Director

NVM:sl
enclosures
cc: Sandy Schwartz
cc: Charlene Robinson
cc: Lynda Young
11-88/001

## LOS ANGELES COMMUNITY HOSP

4081 E OLYMPIC BLVD
LOS ANGELES, CA 90023

Medicare Hospital Provider Number: 050663

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 223 | 6 | 7 - 14 | 264 | 5 | 6 - 12 |
| Cancer | 3 | 0 | 7 - 80 | 6 | 50 | 12 - 79 |
| Cerebrovascular Accidents | 4 | 0 | 8 - 72 | 3 | 0 | 4 - 79 |
| Gastrointestinal Catastrophes | 4 | 25 | 4 - 80 | 3 | 0 | 3 - 79 |
| Infectious Disease | 6 | 17 | 7 - 70 | 4 | 0 | 5 - 71 |
| Metabolic/Electrolyte Disorders | 6 | 0 | 4 - 59 | 12 | 0 | 5 - 40 |
| Pulmonary Disease | 14 | 29 | 7 - 55 | 16 | 13 | 9 - 47 |
| Renal Failure | 2 | 0 | 2 - 89 | 4 | 50 | 4 - 84 |
| Severe Acute Heart Disease | 2 | 0 | 2 - 89 | 2 | 0 | 1 - 90 |
| Severe Chronic Heart Disease | 8 | 0 | 10 - 51 | 7 | 14 | 4 - 63 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 22 | 0 | 0 - 45 | 28 | 4 | 0 - 46 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 36 | 3 | 0 - 28 | 33 | 0 | 0 - 22 |
| Musculoskeletal/Skin Conditions | 14 | 14 | 0 - 98 | 24 | 4 | 0 - 69 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 11 | 9 | 0 -100 | 30 | 0 | 0 - 31 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 144 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 79 |
| Licensed Practical Nurses: | 16 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## LOS ANGELES COUNTY HIGH DESERT HOSP

44900 N 60TH ST W
LANCASTER, CA 93534

Medicare Hospital Provider Number: 050623

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 95 | 14 | 6 - 21 | 97 | 10 | 7 - 20 |
| Cancer | 5 | 20 | 10 - 77 | 2 | 50 | 6 - 94 |
| Cerebrovascular Accidents | 1 | 0 | 0 - 99 | 0 | - | - |
| Gastrointestinal Catastrophes | 2 | 0 | 1 - 91 | 0 | - | - |
| Infectious Disease | 2 | 0 | 3 - 88 | 4 | 25 | 8 - 82 |
| Metabolic/Electrolyte Disorders | 3 | 0 | 3 - 79 | 1 | 0 | 0 - 99 |
| Pulmonary Disease | 16 | 38 | 6 - 54 | 12 | 17 | 3 - 53 |
| Renal Failure | 0 | - | - | 3 | 0 | 8 - 83 |
| Severe Acute Heart Disease | 0 | - | - | 3 | 0 | 3 - 79 |
| Severe Chronic Heart Disease | 3 | 33 | 1 - 88 | 4 | 0 | 2 - 72 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 5 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 8 | 0 | 0 -100 | 8 | 13 | 0 -100 |
| Musculoskeletal/Skin Conditions | 10 | 10 | 0 -100 | 8 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 135 |
| Occupancy Rate (%): | 76 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 91 |
| Percent of Physicians Who Are Board Certified Specialists: | 71 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## LOS ANGELES COUNTY USC MEDICAL CENTE

1200 N STATE ST
LOS ANGELES, CA 90033

Medicare Hospital Provider Number: 050373

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,182 | 9 | 7 - 12 | 1,544 | 10 | 8 - 12 |
| Cancer | 37 | 43 | 25 - 59 | 50 | 50 | 26 - 56 |
| Cerebrovascular Accidents | 35 | 49 | 11 - 44 | 42 | 21 | 11 - 38 |
| Gastrointestinal Catastrophes | 13 | 31 | 7 - 59 | 21 | 48 | 18 - 61 |
| Infectious Disease | 27 | 19 | 22 - 55 | 19 | 74 | 17 - 58 |
| Metabolic/Electrolyte Disorders | 19 | 16 | 5 - 45 | 19 | 21 | 5 - 48 |
| Pulmonary Disease | 34 | 26 | 9 - 41 | 52 | 21 | 14 - 38 |
| Renal Failure | 13 | 0 | 3 - 54 | 17 | 18 | 6 - 61 |
| Severe Acute Heart Disease | 31 | 23 | 27 - 58 | 52 | 40 | 27 - 54 |
| Severe Chronic Heart Disease | 52 | 10 | 12 - 31 | 63 | 10 | 13 - 30 |
| Severe Trauma | 3 | 33 | 1 - 89 | 9 | 44 | 6 - 68 |
| Gastrointestinal Disease | 45 | 4 | 0 - 50 | 55 | 5 | 0 - 35 |
| Gynecologic Disease | 14 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 130 | 4 | 1 - 10 | 141 | 2 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 117 | 1 | 0 - 9 | 152 | 3 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 88 | 2 | 0 - 21 | 119 | 2 | 0 - 14 |
| Urologic Disease | 22 | 0 | 0 - 98 | 23 | 0 | 0 - 80 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 1,454 |
| Occupancy Rate (%): | 89 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 2,426 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 581 |
| Registered Nurses: | 1,689 |
| Licensed Practical Nurses: | 252 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## LOS BANOS COMM HOSP

520 WEST I ST
LOS BANOS, CA 93635

Medicare Hospital Provider Number: 050528

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 317 | 15 | 11 - 20 | 302 | 12 | 9 - 18 |
| Cancer | 6 | 50 | 12 - 79 | 5 | 60 | 9 - 80 |
| Cerebrovascular Accidents | 23 | 26 | 12 - 49 | 16 | 31 | 10 - 55 |
| Gastrointestinal Catastrophes | 4 | 25 | 3 - 80 | 1 | 0 | 2 - 97 |
| Infectious Disease | 8 | 25 | 11 - 69 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 5 | 60 | 17 - 88 | 5 | 40 | 4 - 78 |
| Pulmonary Disease | 42 | 17 | 12 - 38 | 29 | 17 | 14 - 44 |
| Renal Failure | 2 | 50 | 2 - 92 | 0 | - | - |
| Severe Acute Heart Disease | 19 | 26 | 16 - 56 | 13 | 54 | 20 - 70 |
| Severe Chronic Heart Disease | 15 | 13 | 9 - 47 | 15 | 0 | 9 - 35 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 29 | 7 | 0 - 80 | 28 | 0 | 1 - 20 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 28 | 7 | 0 - 42 | 44 | 2 | 2 - 16 |
| Musculoskeletal/Skin Conditions | 10 | 0 | 0 -100 | 11 | 0 | 0 - 95 |
| Neuropsychiatric/Sensory Disease | 3 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 14 | 0 | 0 - 85 | 13 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 48 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## LOS MEDANOS COMMUNITY HOSP

2311 LOVERIDGE ROAD
PITTSBURG, CA 94565

Medicare Hospital Provider Number: 050181

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 673 | 14 | 11 - 17 | 788 | 16 | 11 - 17 |
| Cancer | 18 | 44 | 24 - 69 | 19 | 63 | 25 - 68 |
| Cerebrovascular Accidents | 31 | 32 | 14 - 47 | 36 | 31 | 12 - 43 |
| Gastrointestinal Catastrophes | 15 | 27 | 15 - 61 | 10 | 50 | 8 - 67 |
| Infectious Disease | 21 | 48 | 21 - 63 | 19 | 37 | 16 - 60 |
| Metabolic/Electrolyte Disorders | 26 | 12 | 11 - 43 | 30 | 17 | 9 - 42 |
| Pulmonary Disease | 60 | 27 | 15 - 39 | 45 | 31 | 13 - 42 |
| Renal Failure | 5 | 0 | 11 - 73 | 4 | 25 | 4 - 83 |
| Severe Acute Heart Disease | 16 | 44 | 20 - 66 | 43 | 51 | 23 - 53 |
| Severe Chronic Heart Disease | 47 | 28 | 12 - 38 | 61 | 36 | 16 - 41 |
| Severe Trauma | 0 | - | - | 4 | 25 | 8 - 82 |
| Gastrointestinal Disease | 46 | 0 | 0 - 19 | 53 | 2 | 0 - 18 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 92 | 3 | 1 - 12 | 97 | 4 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 43 | 0 | 0 - 17 | 52 | 2 | 0 - 26 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Urologic Disease | 23 | 0 | 0 - 71 | 35 | 6 | 0 - 91 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 46 |
| Occupancy Rate (%): | 56 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 121 |
| Percent of Physicians Who Are Board Certified Specialists: | 40 |
| Interns and Residents: | 0 |
| Registered Nurses: | 85 |
| Licensed Practical Nurses: | 7 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## LOS ROBLES REGIONAL MEDICAL CENTER

215 W JANSS RD
THOUSAND OAKS, CA 91360

Medicare Hospital Provider Number: 050549

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,464 | 11 | 9 - 14 | 1,529 | 10 | 9 - 14 |
| Cancer | 55 | 40 | 25 - 54 | 58 | 53 | 28 - 57 |
| Cerebrovascular Accidents | 51 | 29 | 17 - 43 | 40 | 7 | 15 - 35 |
| Gastrointestinal Catastrophes | 21 | 38 | 20 - 63 | 9 | 22 | 15 - 70 |
| Infectious Disease | 16 | 31 | 20 - 66 | 15 | 33 | 15 - 63 |
| Metabolic/Electrolyte Disorders | 20 | 15 | 9 - 47 | 29 | 31 | 13 - 50 |
| Pulmonary Disease | 55 | 31 | 18 - 45 | 58 | 17 | 14 - 36 |
| Renal Failure | 9 | 22 | 9 - 71 | 4 | 25 | 9 - 85 |
| Severe Acute Heart Disease | 61 | 26 | 24 - 48 | 62 | 31 | 30 - 54 |
| Severe Chronic Heart Disease | 62 | 11 | 14 - 32 | 69 | 22 | 12 - 34 |
| Severe Trauma | 6 | 0 | 9 - 61 | 4 | 50 | 8 - 85 |
| Gastrointestinal Disease | 80 | 2 | 1 - 12 | 106 | 1 | 1 - 8 |
| Gynecologic Disease | 22 | 5 | 0 -100 | 26 | 0 | 0 - 85 |
| Low-Risk Heart Disease | 253 | 8 | 1 - 9 | 259 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 162 | 0 | 1 - 5 | 163 | 3 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 24 | 4 | 0 - 82 | 36 | 3 | 0 - 44 |
| Urologic Disease | 76 | 0 | 0 - 9 | 63 | 0 | 0 - 13 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

Total Beds (#): 220
Ownership/Control: Private, For Profit

STAFFING

Interns and Residents: 0
Registered Nurses: 210
Licensed Practical Nurses: 53

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

## MAD RIVER COMMUNITY HOSP

3800 JAMES RD
ARCATA, CA 95521

Medicare Hospital Provider Number: 050028

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 618 | 14 | 10 - 16 | 601 | 16 | 10 - 17 |
| Cancer | 29 | 41 | 28 - 65 | 22 | 41 | 21 - 62 |
| Cerebrovascular Accidents | 37 | 32 | 15 - 46 | 29 | 28 | 14 - 47 |
| Gastrointestinal Catastrophes | 4 | 25 | 2 - 81 | 9 | 67 | 12 - 70 |
| Infectious Disease | 11 | 64 | 17 - 71 | 4 | 25 | 6 - 81 |
| Metabolic/Electrolyte Disorders | 2 | 0 | 0 - 98 | 14 | 14 | 9 - 52 |
| Pulmonary Disease | 35 | 29 | 12 - 43 | 27 | 30 | 9 - 45 |
| Renal Failure | 4 | 50 | 10 - 88 | 3 | 67 | 10 - 92 |
| Severe Acute Heart Disease | 26 | 35 | 19 - 56 | 40 | 40 | 21 - 52 |
| Severe Chronic Heart Disease | 26 | 19 | 7 - 40 | 21 | 43 | 7 - 49 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 39 | 3 | 0 - 29 | 49 | 6 | 0 - 30 |
| Gynecologic Disease | 8 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Low-Risk Heart Disease | 78 | 3 | 1 - 12 | 71 | 4 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 46 | 7 | 0 - 36 | 37 | 3 | 0 - 26 |
| Neuropsychiatric/Sensory Disease | 15 | 0 | 0 - 87 | 16 | 0 | 0 - 94 |
| Urologic Disease | 18 | 0 | 0 - 94 | 18 | 0 | 0 - 93 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 78 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## MADERA COMMUNITY HOSPITAL

1250 E ALMOND AVE
MADERA, CA 93637

Medicare Hospital Provider Number: 050568

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 736 | 13 | 10 - 16 | 805 | 12 | 9 - 15 |
| Cancer | 15 | 53 | 22 - 70 | 9 | 33 | 12 - 69 |
| Cerebrovascular Accidents | 23 | 22 | 13 - 48 | 17 | 41 | 8 - 54 |
| Gastrointestinal Catastrophes | 18 | 22 | 15 - 56 | 10 | 30 | 14 - 69 |
| Infectious Disease | 15 | 40 | 16 - 65 | 16 | 19 | 14 - 56 |
| Metabolic/Electrolyte Disorders | 9 | 44 | 10 - 69 | 15 | 33 | 10 - 58 |
| Pulmonary Disease | 55 | 31 | 14 - 40 | 64 | 20 | 14 - 37 |
| Renal Failure | 0 | - | - | 3 | 33 | 4 - 88 |
| Severe Acute Heart Disease | 30 | 33 | 26 - 60 | 29 | 28 | 24 - 57 |
| Severe Chronic Heart Disease | 47 | 15 | 14 - 36 | 60 | 23 | 13 - 36 |
| Severe Trauma | 0 | - | - | 3 | 67 | 5 - 87 |
| Gastrointestinal Disease | 58 | 3 | 1 - 18 | 60 | 3 | 1 - 15 |
| Gynecologic Disease | 18 | 0 | 0 -100 | 14 | 0 | 0 -100 |
| Low-Risk Heart Disease | 111 | 5 | 1 - 12 | 129 | 3 | 2 - 9 |
| Musculoskeletal/Skin Conditions | 38 | 5 | 0 - 80 | 60 | 0 | 1 - 9 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 5 | 20 | 0 - 98 |
| Urologic Disease | 39 | 0 | 0 - 51 | 32 | 6 | 0 - 75 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 83 |
| Occupancy Rate (%): | 66 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MARIAN HOSP

1400 E CHURCH ST
SANTA MARIA, CA 93454

Medicare Hospital Provider Number: 050107

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,325 | 16 | 10 - 16 | 1,225 | 15 | 10 - 15 |
| Cancer | 36 | 44 | 24 - 58 | 21 | 71 | 25 - 64 |
| Cerebrovascular Accidents | 63 | 35 | 16 - 41 | 45 | 24 | 16 - 42 |
| Gastrointestinal Catastrophes | 13 | 54 | 17 - 69 | 13 | 31 | 8 - 59 |
| Infectious Disease | 16 | 25 | 16 - 60 | 17 | 24 | 17 - 60 |
| Metabolic/Electrolyte Disorders | 61 | 41 | 20 - 50 | 46 | 33 | 17 - 48 |
| Pulmonary Disease | 83 | 37 | 15 - 38 | 69 | 36 | 18 - 43 |
| Renal Failure | 3 | 33 | 1 - 89 | 8 | 13 | 8 - 70 |
| Severe Acute Heart Disease | 61 | 46 | 25 - 52 | 54 | 46 | 25 - 53 |
| Severe Chronic Heart Disease | 45 | 20 | 14 - 39 | 45 | 40 | 13 - 42 |
| Severe Trauma | 2 | 50 | 1 - 94 | 3 | 33 | 3 - 86 |
| Gastrointestinal Disease | 92 | 4 | 1 - 13 | 86 | 6 | 0 - 17 |
| Gynecologic Disease | 24 | 0 | 0 -100 | 19 | 0 | 0 -100 |
| Low-Risk Heart Disease | 165 | 3 | 1 - 8 | 173 | 5 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 124 | 4 | 0 - 12 | 88 | 3 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 32 | 3 | 0 - 73 | 39 | 3 | 0 - 42 |
| Urologic Disease | 38 | 0 | 0 - 25 | 35 | 0 | 0 - 21 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 130 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MARIN GENERAL HOSPITAL

BOX 2129 250 BON AIR ROAD
SAN RAFAEL, CA 94902

Medicare Hospital Provider Number: 050360

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,923 | 11 | 9 - 13 | 1,939 | 13 | 10 - 14 |
| Cancer | 65 | 34 | 24 - 51 | 69 | 39 | 26 - 53 |
| Cerebrovascular Accidents | 62 | 19 | 18 - 39 | 89 | 22 | 19 - 39 |
| Gastrointestinal Catastrophes | 22 | 32 | 12 - 54 | 19 | 21 | 15 - 55 |
| Infectious Disease | 10 | 30 | 10 - 65 | 23 | 30 | 16 - 55 |
| Metabolic/Electrolyte Disorders | 22 | 18 | 9 - 47 | 10 | 40 | 9 - 66 |
| Pulmonary Disease | 82 | 23 | 17 - 38 | 78 | 35 | 14 - 38 |
| Renal Failure | 6 | 33 | 10 - 80 | 8 | 63 | 10 - 77 |
| Severe Acute Heart Disease | 66 | 41 | 25 - 50 | 80 | 47 | 29 - 53 |
| Severe Chronic Heart Disease | 87 | 21 | 14 - 32 | 82 | 27 | 14 - 35 |
| Severe Trauma | 5 | 20 | 4 - 75 | 7 | 43 | 3 - 72 |
| Gastrointestinal Disease | 125 | 4 | 1 - 11 | 130 | 5 | 1 - 11 |
| Gynecologic Disease | 25 | 0 | 0 -100 | 18 | 0 | 0 -100 |
| Low-Risk Heart Disease | 236 | 4 | 1 - 7 | 222 | 4 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 191 | 2 | 1 - 6 | 209 | 1 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 36 | 6 | 0 - 56 | 47 | 4 | 0 - 48 |
| Urologic Disease | 116 | 1 | 0 - 10 | 103 | 2 | 0 - 16 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 235 |
| Occupancy Rate (%): | 52 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 287 |
| Percent of Physicians Who Are Board Certified Specialists: | 76 |
| Interns and Residents: | 0 |
| Registered Nurses: | 246 |
| Licensed Practical Nurses: | 9 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

MGH
Marin General Hospital

October 20, 1988 Medicare Provider No.: 050360

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. William L. Roper:

Marin General Hospital would again like to take this opportunity to respond to HCFA's release of Medicare Hospital Mortality Information for 1987.

Even though Marin General Hospital's data continues to fall within the Range for Predicted Mortality we feel that it oversimplifies the issue of mortality as it relates to the quality of care. We continue to have serious concerns about the possible misuse or misunderstanding of the data, as the difference between actual and predicted rates are not necessarily indicators of quality of care differences.

Most of our present concerns continue to reflect the issues mentioned in last year's response. For example, the data includes patients who expired after discharge but only if they expired within 30 days from the date of admission. It excludes patients who were still in hospital 30 days after admission and later expired. The patient's death might be totally unrelated to the hospitalization but is nonetheless summarized with our facility's statistics. It is therefore difficult to make any correlation between those patients who died while at Marin General Hospital or those occurring after discharge.

Also, each year's release so far has been changed making it difficult to compare to previous releases. For example, this year the categories were changed and HCFA went back to our 1986 and changed that data which makes it difficult to go back and re-evaluate 2 years worth of data. The recent release as mentioned above includes changes for the 1986 data and a new release for 1987. The information for 1986 may be somewhat different from that published in December of last year, since it is based on a revised methodology.

Further, the releases do not take into account how ill the patient was upon admission, nor the severity or stage of the illness. Certain hospitals treat the more seriously ill patients for a geographic area. Because Marin General

Health Care Financing Administration
October 20, 1988
Page 2

Hospital traditionally has treated a disproportionate number of these patients we are more concerned about the interpretation of the mortality data even though our rates fall within the predicted ranges.

Marin General still has concerns that in its current format, the HCFA Mortality Data releases has potential for misinterpretation and misunderstanding, as well as misuse.

In conclusion, we would like to comment on the inclusion of the hospital characteristics obtained from the annual AHA surveys. As mentioned you sent us information to validate the information for 1986 but you will be publishing the 1987 survey characteristics which you did not include. There seemed to be errors for our 1986 characteristics as following: reported 154 beds but we have 235 licensed beds; the total number of physicians is listed as 234 but I believe that represents only the number of active staff rather than the total; also we do not have an organ transplant service.

Sincerely,

Mark C. Lambert, M.D.
Chairman of Care Review Committee

## MARK TWAIN HOSP

768 MOUNTAIN RANCH RD
SAN ANDREAS, CA 95249

Medicare Hospital Provider Number: 050366

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 373 | 12 | 11 - 18 | 359 | 14 | 10 - 18 |
| Cancer | 5 | 60 | 8 - 79 | 5 | 40 | 9 - 80 |
| Cerebrovascular Accidents | 12 | 25 | 9 - 57 | 18 | 56 | 10 - 54 |
| Gastrointestinal Catastrophes | 4 | 50 | 3 - 82 | 5 | 40 | 9 - 80 |
| Infectious Disease | 4 | 25 | 6 - 81 | 5 | 40 | 7 - 79 |
| Metabolic/Electrolyte Disorders | 5 | 0 | 7 - 65 | 8 | 13 | 5 - 60 |
| Pulmonary Disease | 35 | 17 | 18 - 46 | 30 | 20 | 13 - 44 |
| Renal Failure | 1 | 0 | 0 - 97 | 0 | - | - |
| Severe Acute Heart Disease | 27 | 52 | 27 - 64 | 21 | 48 | 22 - 63 |
| Severe Chronic Heart Disease | 24 | 25 | 11 - 47 | 21 | 19 | 10 - 45 |
| Severe Trauma | 1 | 0 | 0 - 98 | 0 | - | - |
| Gastrointestinal Disease | 16 | 6 | 0 - 48 | 18 | 6 | 0 - 85 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 40 | 0 | 1 - 14 | 44 | 0 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 41 | 2 | 0 - 37 | 50 | 2 | 0 - 47 |
| Neuropsychiatric/Sensory Disease | 7 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Urologic Disease | 11 | 0 | 0 -100 | 10 | 0 | 0 - 82 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 30 |
| Occupancy Rate (%): | 47 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 74 |
| Percent of Physicians Who Are Board Certified Specialists: | 100 |
| Interns and Residents: | 0 |
| Registered Nurses: | 24 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MARSHAL HALE MEMORIAL HOSP

3773 SACRAMENTO ST
SAN FRANCISCO, CA 94118

Medicare Hospital Provider Number: 050151

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 639 | 13 | 9 - 15 | 711 | 13 | 10 - 16 |
| Cancer | 21 | 52 | 19 - 61 | 24 | 58 | 22 - 62 |
| Cerebrovascular Accidents | 29 | 17 | 12 - 42 | 27 | 15 | 16 - 45 |
| Gastrointestinal Catastrophes | 5 | 20 | 8 - 76 | 8 | 38 | 6 - 69 |
| Infectious Disease | 2 | 50 | 5 - 94 | 7 | 57 | 7 - 72 |
| Metabolic/Electrolyte Disorders | 15 | 20 | 10 - 55 | 14 | 14 | 7 - 50 |
| Pulmonary Disease | 44 | 34 | 16 - 45 | 32 | 31 | 14 - 48 |
| Renal Failure | 2 | 0 | 1 - 90 | 5 | 20 | 4 - 78 |
| Severe Acute Heart Disease | 14 | 43 | 17 - 66 | 26 | 31 | 25 - 61 |
| Severe Chronic Heart Disease | 32 | 19 | 14 - 42 | 41 | 22 | 16 - 43 |
| Severe Trauma | 1 | 100 | 0 - 98 | 2 | 100 | 2 - 89 |
| Gastrointestinal Disease | 28 | 4 | 0 - 55 | 42 | 0 | 0 - 17 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 6 | 17 | 0 -100 |
| Low-Risk Heart Disease | 47 | 6 | 0 - 26 | 62 | 5 | 1 - 17 |
| Musculoskeletal/Skin Conditions | 95 | 4 | 0 - 27 | 99 | 4 | 0 - 22 |
| Neuropsychiatric/Sensory Disease | 22 | 9 | 0 - 84 | 20 | 10 | 0 - 99 |
| Urologic Disease | 28 | 0 | 0 - 36 | 41 | 0 | 0 - 29 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 137 |
| Occupancy Rate (%): | 45 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 137 |
| Percent of Physicians Who Are Board Certified Specialists: | 77 |
| Interns and Residents: | 0 |
| Registered Nurses: | 61 |
| Licensed Practical Nurses: | 17 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Marshal Hale Memorial Hospital
3773 Sacramento St. San Francisco Ca. 94118
415-386-7000

Provider Number 05/0151

October 21, 1988

Mrs. Sandra Kappert
Health Standards Quality Bureau, HCFA
2 D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

After reviewing HCFA's 1987 mortality data as it applies to Marshal Hale Memorial Hospital (MHMH), although we find it generally accurate, we would like to comment on one of the figures.

Without breaching patient confidentiality, we would like to provide some background about the 100 percent rate in the diagnostic category of severe trauma. This one case, reviewed through our Quality Assurance process, involved a patient whose medical condition was such that death was unavoidable and due to a long-term illness, regardless of treatment. The patient expired due to the progression of this chronic underlying disease. At no point prior to or during the hospitalization did the patient sustain any traumatic injury.

MHMH and its Medical Staff regularly and carefully monitor through a Quality Assurance Program all care provided in the facility. This includes a thorough investigation of every death. This investigation provides an exhaustive review and evaluation of the quality and appropriateness of the care that patient received. Should any concern or problem area come to light, Medical Staff leadership and the facility's Administration take an aggressive stance and rapid action to correct it. We are certain that this standard of operation has much to do with our facility's falling within the excepted outcome ranges in all but that one category.

We appreciate the opportunity to submit this response to HCFA's report.

Sincerely,

Charles F. Cross
Chief Executive Officer

Barakett, MD.

Roland Barakett, M.D.
Chief of Staff

CFC/RB:mr

## MARSHALL HOSP

MARSHALL WAY
PLACERVILLE, CA 95667

Medicare Hospital Provider Number: 050254

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,119 | 14 | 10 - 15 | 1,078 | 12 | 10 - 15 |
| Cancer | 40 | 57 | 25 - 57 | 32 | 53 | 22 - 58 |
| Cerebrovascular Accidents | 46 | 37 | 15 - 44 | 46 | 35 | 16 - 44 |
| Gastrointestinal Catastrophes | 12 | 33 | 15 - 67 | 12 | 42 | 14 - 68 |
| Infectious Disease | 20 | 50 | 13 - 57 | 10 | 20 | 14 - 65 |
| Metabolic/Electrolyte Disorders | 12 | 42 | 6 - 61 | 12 | 8 | 3 - 49 |
| Pulmonary Disease | 82 | 21 | 15 - 36 | 72 | 18 | 16 - 37 |
| Renal Failure | 2 | 50 | 4 - 93 | 9 | 56 | 15 - 80 |
| Severe Acute Heart Disease | 53 | 40 | 25 - 52 | 48 | 31 | 25 - 52 |
| Severe Chronic Heart Disease | 57 | 23 | 16 - 39 | 63 | 11 | 15 - 33 |
| Severe Trauma | 1 | 100 | 1 - 97 | 0 | - | - |
| Gastrointestinal Disease | 87 | 2 | 1 - 11 | 65 | 2 | 0 - 14 |
| Gynecologic Disease | 17 | 0 | 0 -100 | 20 | 0 | 0 -100 |
| Low-Risk Heart Disease | 101 | 1 | 1 - 8 | 89 | 6 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 110 | 1 | 0 - 8 | 112 | 4 | 1 - 12 |
| Neuropsychiatric/Sensory Disease | 26 | 0 | 0 - 27 | 21 | 5 | 0 - 91 |
| Urologic Disease | 78 | 3 | 0 - 32 | 59 | 0 | 0 - 15 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 90 |
| Occupancy Rate (%): | 60 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 58 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 0 |
| Registered Nurses: | 97 |
| Licensed Practical Nurses: | 13 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MARTIN LUTHER HOSP MEDICAL CENTER

1830 W ROMNEYA DRIVE
ANAHEIM, CA 92803

Medicare Hospital Provider Number: 050282

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 869 | 16 | 12 - 18 | 886 | 17 | 12 - 18 |
| Cancer | 25 | 48 | 18 - 58 | 42 | 71 | 30 - 60 |
| Cerebrovascular Accidents | 37 | 19 | 18 - 45 | 23 | 22 | 12 - 47 |
| Gastrointestinal Catastrophes | 8 | 50 | 16 - 78 | 9 | 33 | 13 - 71 |
| Infectious Disease | 21 | 38 | 19 - 61 | 22 | 32 | 22 - 62 |
| Metabolic/Electrolyte Disorders | 20 | 25 | 10 - 51 | 9 | 0 | 8 - 48 |
| Pulmonary Disease | 92 | 37 | 20 - 42 | 86 | 31 | 19 - 42 |
| Renal Failure | 6 | 33 | 2 - 79 | 8 | 50 | 8 - 76 |
| Severe Acute Heart Disease | 28 | 43 | 22 - 59 | 37 | 54 | 26 - 58 |
| Severe Chronic Heart Disease | 42 | 26 | 13 - 41 | 35 | 20 | 13 - 41 |
| Severe Trauma | 0 | - | - | 1 | 0 | 1 - 97 |
| Gastrointestinal Disease | 42 | 2 | 0 - 23 | 60 | 5 | 1 - 19 |
| Gynecologic Disease | 17 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 77 | 6 | 1 - 17 | 64 | 9 | 1 - 21 |
| Musculoskeletal/Skin Conditions | 57 | 5 | 0 - 21 | 65 | 6 | 0 - 27 |
| Neuropsychiatric/Sensory Disease | 14 | 14 | 0 - 82 | 14 | 14 | 0 - 82 |
| Urologic Disease | 30 | 0 | 0 - 29 | 27 | 7 | 0 - 87 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 200
Occupancy Rate (%): 53
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 199
Percent of Physicians Who Are Board Certified Specialists: 79
Interns and Residents: 0
Registered Nurses: 217
Licensed Practical Nurses: 24

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

## MARTIN LUTHER KING JR GEN HOSP

12021 S WILMINGTON AVE
LOS ANGELES, CA 90059

Medicare Hospital Provider Number: 050578

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 327 | 26 | 10 - 20 | 538 | 20 | 9 - 17 |
| Cancer | 9 | 78 | 24 - 78 | 8 | 50 | 9 - 71 |
| Cerebrovascular Accidents | 34 | 38 | 11 - 44 | 33 | 55 | 12 - 46 |
| Gastrointestinal Catastrophes | 4 | 50 | 11 - 87 | 4 | 75 | 4 - 80 |
| Infectious Disease | 7 | 100 | 14 - 60 | 14 | 86 | 12 - 55 |
| Metabolic/Electrolyte Disorders | 8 | 38 | 7 - 69 | 17 | 6 | 4 - 40 |
| Pulmonary Disease | 24 | 33 | 5 - 45 | 32 | 44 | 11 - 46 |
| Renal Failure | 3 | 67 | 3 - 87 | 5 | 0 | 3 - 71 |
| Severe Acute Heart Disease | 26 | 58 | 20 - 58 | 36 | 44 | 26 - 59 |
| Severe Chronic Heart Disease | 19 | 5 | 10 - 37 | 33 | 18 | 10 - 38 |
| Severe Trauma | 1 | 100 | 0 - 99 | 3 | 33 | 0 - 92 |
| Gastrointestinal Disease | 7 | 0 | 0 - 94 | 14 | 7 | 0 -100 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 24 | 13 | 0 - 86 | 56 | 5 | 0 - 26 |
| Musculoskeletal/Skin Conditions | 26 | 4 | 0 -100 | 42 | 5 | 0 - 96 |
| Neuropsychiatric/Sensory Disease | 18 | 6 | 0 - 98 | 31 | 6 | 0 - 96 |
| Urologic Disease | 2 | 0 | 0 -100 | 4 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 391 |
| Occupancy Rate (%): | 100 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 246 |
| Percent of Physicians Who Are Board Certified Specialists: | 48 |
| Interns and Residents: | 312 |
| Registered Nurses: | 636 |
| Licensed Practical Nurses: | 170 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MAYERS MEM HOSP

BOX 567-HIGHWAY 299
FALL RIVER MILLS, CA 96028

Medicare Hospital Provider Number: 050406

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 172 | 6 | 7 - 15 | 162 | 12 | 8 - 19 |
| Cancer | 1 | 100 | 2 - 97 | 3 | 67 | 5 - 87 |
| Cerebrovascular Accidents | 2 | 0 | 1 - 92 | 1 | 0 | 0 - 99 |
| Gastrointestinal Catastrophes | 4 | 25 | 5 - 80 | 0 | - | - |
| Infectious Disease | 0 | - | - | 1 | 0 | 3 - 99 |
| Metabolic/Electrolyte Disorders | 5 | 0 | 8 - 66 | 7 | 43 | 5 - 71 |
| Pulmonary Disease | 11 | 18 | 5 - 55 | 18 | 11 | 11 - 45 |
| Renal Failure | 1 | 0 | 3 -100 | 2 | 50 | 6 - 95 |
| Severe Acute Heart Disease | 4 | 25 | 6 - 80 | 6 | 33 | 11 - 76 |
| Severe Chronic Heart Disease | 8 | 25 | 7 - 65 | 5 | 40 | 9 - 79 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 10 | 0 | 0 - 68 | 15 | 0 | 0 - 95 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 16 | 0 | 0 - 87 | 21 | 10 | 0 - 46 |
| Musculoskeletal/Skin Conditions | 27 | 0 | 0 - 95 | 21 | 0 | 0 - 99 |
| Neuropsychiatric/Sensory Disease | 3 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Urologic Disease | 1 | 0 | 0 -100 | 6 | 17 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 68 |
| Occupancy Rate (%): | 97 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 7 |
| Percent of Physicians Who Are Board Certified Specialists: | 14 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MEDICAL CENTER OF LA MIRADA

14900 E IMPERIAL HWY
LA MIRADA, CA 90638

Medicare Hospital Provider Number: 050161

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 332 | 23 | 10 - 20 | 364 | 16 | 11 - 19 |
| Cancer | 11 | 45 | 20 - 74 | 14 | 29 | 19 - 66 |
| Cerebrovascular Accidents | 17 | 35 | 11 - 55 | 21 | 38 | 11 - 52 |
| Gastrointestinal Catastrophes | 3 | 100 | 8 - 81 | 4 | 25 | 5 - 80 |
| Infectious Disease | 14 | 57 | 14 - 64 | 5 | 40 | 10 - 81 |
| Metabolic/Electrolyte Disorders | 5 | 20 | 2 - 76 | 1 | 100 | 1 - 97 |
| Pulmonary Disease | 25 | 40 | 12 - 51 | 28 | 18 | 15 - 45 |
| Renal Failure | 0 | - | - | 1 | 100 | 2 - 97 |
| Severe Acute Heart Disease | 13 | 69 | 12 - 61 | 24 | 46 | 19 - 58 |
| Severe Chronic Heart Disease | 26 | 35 | 9 - 46 | 28 | 21 | 13 - 45 |
| Severe Trauma | 1 | 0 | 1 - 97 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 20 | 5 | 0 - 55 | 19 | 0 | 0 - 84 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 49 | 4 | 0 - 21 | 44 | 5 | 0 - 33 |
| Musculoskeletal/Skin Conditions | 15 | 7 | 0 - 81 | 22 | 9 | 0 - 87 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Urologic Disease | 5 | 0 | 0 -100 | 8 | 0 | 0 - 96 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 141 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

**MEDICAL CENTER OF LA MIRADA**

Hospital I.D.#: 050161

October 19, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for this opportunity to respond to the data release on Medicare hospital mortality rates for discharge in the calender year of 1987.

Medical Center of La Mirada is a 145 bed, full service acute care hospital. It has provided quality medical services to the southeastern Los Angeles and Orange County areas for more than 25 years. Among its many services, this facility offers a complete cardiac and cardiology service (Southern California Heart Institute), a full service rehabilitation center and a comprehensive perinatal/obstetrical unit. In addition, the hospital provides a full range of emergency services and medical/ and surgical facilities. Medical Center of La Mirada is fully accredited by the Joint Commission on Accreditation of Healthcare Organizations and licensed by the State of California Department of Health Services.

The Medical Staff at Medical Center of La Mirada performs an intensive review on every death that occurs within the facility. Mortality review is an ongoing process of the Quality Assurance Program and Peer Review activities are an integral part of the monitoring of the healthcare delivery system. Every death is reviewed for medical management and overall care. The medical staff constantly endeavors to provide the highest quality of care possible.

The Medicare Hospital Mortality Information has been carefully reviewed by Administration, the Medical Staff, and the Quality Management Department. Our comprehensive review of the data and the specific medical records indicate that:

> *Medical Center of La Mirada is within the range for predicted mortality, if not below, for all diagnostic categories except for Gastrointestinal Catastrophies and Severe Acute Heart Disease, specifically.

*For Gastrointestinal Catastrophies it should be noted that

- The mortality rate represents only three (3) deaths in a twelve (12) month period
- All three (3) patients were "no code" as requested by the patient and/or their family
- All three (3) patients were emergency admits. Two (2) were acute abdomens with sepsis and one had hepatic coma due to hepatic encephalopathy

*For Severe Acute Heart Disease it should be noted that

- All deaths in this category occured prior to the opening of one of the major service centers of our facility - complete cardiac and cardiology services (Southern California Heart Institute [including Cath Lab])
- The average age of the nine (9) patient deaths was 73
- All nine (9) patients (100%) were emergency admissions admitted with myocardial infarctions/cardiac arrest
- 33% (3 patients) were "no codes" or "no heroic measures" as requested by the patient and/or their family
- 22% (2 patients) expired after discharge from this facility

*For All Causes it should be noted that

- Part of the 3% increase over the predicted range has been explained in the previous paragraphs on Gastrointestinal Catastrophies and Severe Acute Heart Disease
- Only six percent (6%) out of the twenty-three percent (23%) actual mortality were not explained by a specified diagnostic category and can be summarized as follows

  *The average age of the patient deaths was 80
  *82% were emergency admissions
  *59% were "no codes" as requested by the patient and/or their family
  *18% expired after discharge

Again, thank you for the opportunity to present this response. If you or anyone receiving this information has additional questions, please do not hesitate to call.

Sincerely,

Liston A. Witherill,
Executive Director

LAW:lns

# MEDICAL CENTER OF TARZANA

18321 CLARK ST
TARZANA, CA 91356

Medicare Hospital Provider Number: 050601

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,602 | 10 | 10 - 14 | 1,429 | 11 | 10 - 14 |
| Cancer | 66 | 33 | 25 - 51 | 51 | 41 | 24 - 54 |
| Cerebrovascular Accidents | 35 | 17 | 15 - 41 | 33 | 30 | 14 - 46 |
| Gastrointestinal Catastrophes | 14 | 43 | 19 - 69 | 8 | 75 | 12 - 70 |
| Infectious Disease | 23 | 17 | 24 - 58 | 15 | 20 | 18 - 62 |
| Metabolic/Electrolyte Disorders | 17 | 18 | 10 - 51 | 19 | 37 | 10 - 55 |
| Pulmonary Disease | 62 | 34 | 19 - 44 | 51 | 27 | 17 - 43 |
| Renal Failure | 1 | 0 | 0 -100 | 5 | 20 | 6 - 79 |
| Severe Acute Heart Disease | 51 | 37 | 29 - 57 | 66 | 39 | 32 - 57 |
| Severe Chronic Heart Disease | 93 | 20 | 18 - 36 | 79 | 23 | 14 - 34 |
| Severe Trauma | 4 | 50 | 4 - 82 | 2 | 0 | 1 - 91 |
| Gastrointestinal Disease | 90 | 1 | 1 - 9 | 94 | 2 | 1 - 10 |
| Gynecologic Disease | 21 | 0 | 0 -100 | 31 | 0 | 0 -100 |
| Low-Risk Heart Disease | 194 | 5 | 1 - 9 | 173 | 3 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 108 | 4 | 1 - 11 | 114 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 31 | 0 | 0 - 23 | 31 | 3 | 0 - 58 |
| Urologic Disease | 154 | 0 | 0 - 5 | 106 | 1 | 0 - 14 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 212
Occupancy Rate (%): 68
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 791
Percent of Physicians Who Are Board Certified Specialists: 70
Interns and Residents: 0
Registered Nurses: 214
Licensed Practical Nurses: 13

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

AMI Tarzana Regional Medical Center

October 21, 1988

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Tarzana Regional Medical Center
Hospital I.D. #050601

Dear Ms. Kappert:

We have reviewed the Medicare mortality statistics for Tarzana Regional Medical Center and found them to be accurate. The hospital characteristics, however, states that Tarzana Regional Medical Center has 111 beds. In actuality we are a 212-bed facility.

If you have any additional questions, please contact Joan Kampf, Administrative Manager, at (818) 708-5682.

Sincerely,

Arnold Kimmel

Arnold N. Kimmel
Executive Director

ANK:kc

cc: Joan Kampf, Administrative Manager

## MEDICAL CTR OF GARDEN GROVE

12601 GARDEN GROVE BLVD
GARDEN GROVE, CA 92643

Medicare Hospital Provider Number: 050230

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,183 | 19 | 13 - 18 | 1,010 | 18 | 12 - 18 |
| Cancer | 32 | 47 | 22 - 57 | 34 | 56 | 24 - 59 |
| Cerebrovascular Accidents | 39 | 38 | 15 - 45 | 44 | 25 | 16 - 42 |
| Gastrointestinal Catastrophes | 7 | 43 | 7 - 73 | 9 | 33 | 9 - 67 |
| Infectious Disease | 25 | 20 | 21 - 56 | 12 | 25 | 19 - 69 |
| Metabolic/Electrolyte Disorders | 36 | 39 | 12 - 48 | 28 | 39 | 12 - 51 |
| Pulmonary Disease | 156 | 40 | 26 - 44 | 118 | 37 | 20 - 41 |
| Renal Failure | 10 | 60 | 20 - 83 | 2 | 0 | 6 - 90 |
| Severe Acute Heart Disease | 57 | 42 | 26 - 53 | 51 | 43 | 27 - 55 |
| Severe Chronic Heart Disease | 67 | 27 | 13 - 36 | 73 | 25 | 15 - 36 |
| Severe Trauma | 1 | 100 | 1 - 97 | 2 | 0 | 1 - 89 |
| Gastrointestinal Disease | 68 | 7 | 1 - 19 | 41 | 5 | 0 - 29 |
| Gynecologic Disease | 9 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 143 | 3 | 2 - 9 | 107 | 4 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 86 | 8 | 0 - 28 | 72 | 3 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 17 | 6 | 0 - 96 | 22 | 0 | 0 - 77 |
| Urologic Disease | 80 | 0 | 0 - 17 | 45 | 2 | 0 - 39 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 175
Occupancy Rate (%): 45
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 124
Percent of Physicians Who Are Board Certified Specialists: 65
Interns and Residents: 0
Registered Nurses: 99
Licensed Practical Nurses: 7

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

# MEMORIAL HOSP AT EXETER

215 CRESPI AVENUE
EXETER, CA 93221

Medicare Hospital Provider Number: 050286

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 294 | 13 | 9 - 18 | 308 | 16 | 12 - 21 |
| Cancer | 8 | 63 | 13 - 73 | 9 | 78 | 15 - 69 |
| Cerebrovascular Accidents | 15 | 53 | 10 - 58 | 18 | 17 | 10 - 47 |
| Gastrointestinal Catastrophes | 2 | 0 | 3 - 88 | 6 | 33 | 7 - 74 |
| Infectious Disease | 6 | 17 | 8 - 70 | 3 | 33 | 3 - 86 |
| Metabolic/Electrolyte Disorders | 2 | 0 | 0 - 95 | 7 | 0 | 4 - 54 |
| Pulmonary Disease | 28 | 29 | 14 - 49 | 24 | 21 | 15 - 49 |
| Renal Failure | 3 | 67 | 6 - 88 | 2 | 50 | 8 - 98 |
| Severe Acute Heart Disease | 14 | 29 | 17 - 63 | 29 | 38 | 20 - 55 |
| Severe Chronic Heart Disease | 13 | 23 | 10 - 56 | 18 | 22 | 11 - 50 |
| Severe Trauma | 0 | - | - | 2 | 0 | 1 - 89 |
| Gastrointestinal Disease | 20 | 5 | 0 - 60 | 27 | 0 | 0 - 31 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 54 | 2 | 1 - 14 | 35 | 0 | 1 - 14 |
| Musculoskeletal/Skin Conditions | 11 | 0 | 0 - 96 | 16 | 13 | 0 - 69 |
| Neuropsychiatric/Sensory Disease | 10 | 0 | 0 - 98 | 6 | 17 | 0 -100 |
| Urologic Disease | 17 | 0 | 0 - 41 | 11 | 0 | 0 - 96 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 54 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 21 |
| Percent of Physicians Who Are Board Certified Specialists: | 52 |
| Interns and Residents: | 0 |
| Registered Nurses: | 17 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MEMORIAL HOSP MED CTR-LONG BEACH

2801 ATLANTIC AVE
LONG BEACH, CA 90806

Medicare Hospital Provider Number: 050485

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 4,486 | 11 | 10 - 14 | 4,985 | 10 | 10 - 14 |
| Cancer | 199 | 43 | 34 - 54 | 239 | 41 | 34 - 53 |
| Cerebrovascular Accidents | 140 | 21 | 19 - 35 | 156 | 21 | 22 - 37 |
| Gastrointestinal Catastrophes | 36 | 36 | 21 - 56 | 34 | 32 | 15 - 50 |
| Infectious Disease | 78 | 33 | 23 - 49 | 70 | 34 | 24 - 52 |
| Metabolic/Electrolyte Disorders | 82 | 17 | 13 - 38 | 74 | 23 | 12 - 38 |
| Pulmonary Disease | 180 | 37 | 19 - 37 | 246 | 34 | 20 - 36 |
| Renal Failure | 17 | 59 | 16 - 72 | 19 | 32 | 17 - 72 |
| Severe Acute Heart Disease | 144 | 32 | 30 - 48 | 152 | 38 | 31 - 50 |
| Severe Chronic Heart Disease | 162 | 27 | 15 - 31 | 169 | 21 | 18 - 32 |
| Severe Trauma | 8 | 25 | 6 - 67 | 15 | 20 | 9 - 55 |
| Gastrointestinal Disease | 176 | 4 | 1 - 9 | 214 | 2 | 1 - 6 |
| Gynecologic Disease | 65 | 0 | 0 - 68 | 81 | 0 | 0 - 85 |
| Low-Risk Heart Disease | 615 | 3 | 2 - 5 | 700 | 3 | 2 - 5 |
| Musculoskeletal/Skin Conditions | 464 | 3 | 1 - 5 | 544 | 2 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 169 | 2 | 1 - 8 | 220 | 2 | 1 - 6 |
| Urologic Disease | 284 | 1 | 0 - 5 | 310 | 1 | 0 - 6 |

## HOSPITAL CHARACTERISTICS

### SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 909 |
| Occupancy Rate (%): | 71 |
| Ownership/Control: | Private, Non-profit |

### STAFFING

| | |
|---|---|
| Total Number of Physicians: | 582 |
| Percent of Physicians Who Are Board Certified Specialists: | 72 |
| Interns and Residents: | 0 |
| Registered Nurses: | 930 |
| Licensed Practical Nurses: | 57 |

### SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MEMORIAL HOSP MODESTO

1700 COFFEE RD
MODESTO, CA 95355

Medicare Hospital Provider Number: 050557

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,040 | 14 | 10 - 14 | 1,895 | 14 | 11 - 15 |
| Cancer | 80 | 36 | 28 - 53 | 68 | 41 | 28 - 55 |
| Cerebrovascular Accidents | 83 | 33 | 16 - 37 | 90 | 28 | 17 - 37 |
| Gastrointestinal Catastrophes | 25 | 44 | 19 - 59 | 13 | 46 | 13 - 65 |
| Infectious Disease | 31 | 45 | 20 - 57 | 16 | 44 | 18 - 66 |
| Metabolic/Electrolyte Disorders | 31 | 26 | 16 - 50 | 23 | 26 | 12 - 51 |
| Pulmonary Disease | 100 | 27 | 13 - 34 | 125 | 27 | 17 - 36 |
| Renal Failure | 26 | 35 | 11 - 63 | 29 | 41 | 17 - 69 |
| Severe Acute Heart Disease | 58 | 50 | 26 - 53 | 60 | 40 | 29 - 55 |
| Severe Chronic Heart Disease | 87 | 18 | 15 - 33 | 76 | 25 | 17 - 38 |
| Severe Trauma | 4 | 50 | 3 - 82 | 9 | 22 | 7 - 64 |
| Gastrointestinal Disease | 113 | 1 | 1 - 7 | 105 | 4 | 1 - 11 |
| Gynecologic Disease | 38 | 0 | 0 -100 | 21 | 0 | 0 -100 |
| Low-Risk Heart Disease | 205 | 4 | 2 - 8 | 222 | 5 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 237 | 1 | 1 - 5 | 192 | 2 | 0 - 6 |
| Neuropsychiatric/Sensory Disease | 39 | 10 | 0 - 42 | 43 | 16 | 0 - 44 |
| Urologic Disease | 117 | 0 | 0 - 9 | 73 | 1 | 0 - 25 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 168 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 253 |
| Licensed Practical Nurses: | 52 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

MEMORIAL
HOSPITALS ASSOCIATION

## MEMORIAL MEDICAL CENTER

Thank you for the opportunity to review the adjusted average mortality rates which HCFA will release in December, for Memorial Medical Center, 050557.

Memorial Medical Center is a 170 bed community owned, non-profit general acute care facility located in Modesto, California. It is the only American College of Surgeons approved cancer treatment program in Stanislaus County. The facility provides radiation therapy services in addition to maintaining a dedicated nursing unit for oncology patients. Memorial Medical Center is the only facility providing inpatient acute and chronic dialysis treatments.

The Memorial Hospitals Association Board of Directors, Medical Staff and hospital staff are committed to providing quality services to its patients. The Quality Assurance Program at Memorial Medical Center is a comprehensive on-going program that reviews and evaluates the patient care provided by Medical Staff members and hospital employees. Its goal is twofold; to resolve problems and to identify opportunities to further improve patient care practices and hospital systems. Mortality is but one of many factors that are utilized to focus peer review activities. We do not believe that quality judgements can be made based upon one factor such as adjusted average mortality rate. The quality of care rendered to patients can only be judged on the basis of the review of individual medical records.

Sincerely,

Diane Hasler

Diane Hasler
Vice President/Administration
Memorial Hospitals Association
P.O. Box 942
Modesto, CA 95353

October 20, 1988

## MEMORIAL HOSP OF GARDENA

1145 W REDONDO BEACH BLVD
GARDENA, CA 90247

Medicare Hospital Provider Number: 050468

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 685 | 16 | 11 - 18 | 847 | 16 | 10 - 16 |
| Cancer | 16 | 44 | 16 - 63 | 19 | 42 | 19 - 63 |
| Cerebrovascular Accidents | 42 | 29 | 12 - 40 | 36 | 33 | 15 - 46 |
| Gastrointestinal Catastrophes | 7 | 43 | 3 - 72 | 8 | 63 | 8 - 70 |
| Infectious Disease | 15 | 47 | 14 - 62 | 13 | 46 | 15 - 67 |
| Metabolic/Electrolyte Disorders | 22 | 27 | 12 - 52 | 12 | 8 | 7 - 49 |
| Pulmonary Disease | 51 | 31 | 14 - 41 | 70 | 37 | 15 - 40 |
| Renal Failure | 7 | 43 | 16 - 84 | 5 | 40 | 9 - 83 |
| Severe Acute Heart Disease | 29 | 38 | 24 - 59 | 35 | 51 | 23 - 57 |
| Severe Chronic Heart Disease | 42 | 10 | 12 - 32 | 55 | 33 | 12 - 38 |
| Severe Trauma | 4 | 50 | 3 - 82 | 4 | 25 | 5 - 81 |
| Gastrointestinal Disease | 27 | 0 | 0 - 24 | 51 | 6 | 0 - 44 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 7 | 14 | 0 -100 |
| Low-Risk Heart Disease | 58 | 3 | 0 - 19 | 70 | 4 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 51 | 0 | 0 - 14 | 48 | 2 | 0 - 28 |
| Neuropsychiatric/Sensory Disease | 13 | 8 | 0 - 63 | 22 | 0 | 0 - 53 |
| Urologic Disease | 19 | 0 | 0 - 91 | 40 | 5 | 0 - 98 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 200 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 87 |
| Licensed Practical Nurses: | 20 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MEMORIAL HOSPITAL CERES

1905 MEMORIAL DRIVE
CERES, CA 95307

Medicare Hospital Provider Number: 050154

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 316 | 11 | 8 - 16 | 350 | 13 | 8 - 16 |
| Cancer | 9 | 67 | 16 - 73 | 6 | 50 | 8 - 76 |
| Cerebrovascular Accidents | 10 | 10 | 10 - 55 | 17 | 35 | 12 - 56 |
| Gastrointestinal Catastrophes | 1 | 0 | 0 - 98 | 2 | 50 | 2 - 92 |
| Infectious Disease | 3 | 0 | 2 - 80 | 3 | 33 | 6 - 88 |
| Metabolic/Electrolyte Disorders | 8 | 13 | 2 - 62 | 4 | 0 | 4 - 71 |
| Pulmonary Disease | 37 | 8 | 9 - 32 | 39 | 28 | 12 - 42 |
| Renal Failure | 2 | 50 | 8 - 98 | 1 | 0 | 2 - 97 |
| Severe Acute Heart Disease | 17 | 35 | 17 - 61 | 18 | 39 | 16 - 60 |
| Severe Chronic Heart Disease | 11 | 9 | 7 - 49 | 16 | 6 | 13 - 44 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 31 | 6 | 0 - 47 | 15 | 7 | 0 - 77 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 22 | 0 | 0 - 34 | 38 | 3 | 1 - 21 |
| Musculoskeletal/Skin Conditions | 31 | 6 | 0 - 48 | 24 | 4 | 0 - 95 |
| Neuropsychiatric/Sensory Disease | 16 | 6 | 0 - 72 | 61 | 0 | 0 - 15 |
| Urologic Disease | 7 | 0 | 0 -100 | 14 | 7 | 0 - 95 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1983

| | |
|---|---|
| Total Beds (#): | 122 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 37 |
| Licensed Practical Nurses: | 22 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

MEMORIAL
HOSPITALS ASSOCIATION

## MEMORIAL HOSPITALS CERES

Thank you for the opportunity to review the adjusted average mortality rates which HCFA will release in December for Memorial Hospital Ceres, 050154.

Memorial Hospital Ceres is a general, acute, non-profit community owned hospital with 72 Acute beds and 48 skilled nursing beds. The hospital is operated by Memorial Hospitals Association which has another acute care facility, Memorial Medical Center in Modesto, California.

The Memorial Hospitals Association Board of Directors, Medical Staff and hospital staff are committed to providing quality services to its patients. The Quality Assurance Program at Memorial Hospital Ceres is a comprehensive on-going program that reviews and evaluates the patient care provided by medical Staff members and hospital employees. Its goal is twofold; to resolve problems and to identify opportunities to further improve patient care practices and hospital systems. Mortality is but one of many factors that are utilized to focus peer review activities. We do not believe that quality judgements can be made based upon one factor such as adjusted average mortality rate. The quality of care rendered to patients can only be judged on the basis of the review of individual medical records.

Sincerely,

Diane Hasler

Diane Hasler
Vice President/Administration
Memorial Hospitals Association
P.O. Box 942
Modesto, CA 95353

October 20, 1988

## MENDOCINO COAST HOSPITAL

700 RIVER DR
FORT BRAGG, CA 95437

Medicare Hospital Provider Number: 050569

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 412 | 11 | 8 - 15 | 414 | 13 | 9 - 16 |
| Cancer | 7 | 29 | 8 - 70 | 8 | 25 | 8 - 67 |
| Cerebrovascular Accidents | 16 | 31 | 8 - 53 | 23 | 35 | 12 - 51 |
| Gastrointestinal Catastrophes | 3 | 67 | 9 - 89 | 6 | 17 | 11 - 73 |
| Infectious Disease | 5 | 20 | 6 - 74 | 3 | 0 | 3 - 79 |
| Metabolic/Electrolyte Disorders | 9 | 22 | 7 - 63 | 12 | 42 | 6 - 61 |
| Pulmonary Disease | 21 | 29 | 6 - 47 | 28 | 29 | 8 - 43 |
| Renal Failure | 2 | 100 | 10 - 95 | 1 | 0 | 0 - 98 |
| Severe Acute Heart Disease | 27 | 33 | 19 - 55 | 20 | 40 | 18 - 60 |
| Severe Chronic Heart Disease | 27 | 15 | 13 - 42 | 22 | 14 | 12 - 44 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 20 | 0 | 0 - 44 | 22 | 0 | 0 - 50 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 34 | 6 | 0 - 39 | 34 | 3 | 1 - 23 |
| Musculoskeletal/Skin Conditions | 49 | 2 | 0 - 33 | 40 | 7 | 0 - 56 |
| Neuropsychiatric/Sensory Disease | 9 | 11 | 0 -100 | 14 | 14 | 0 - 99 |
| Urologic Disease | 24 | 4 | 0 -100 | 15 | 0 | 0 - 98 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 54 |
| Occupancy Rate (%): | 48 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 26 |
| Percent of Physicians Who Are Board Certified Specialists: | 73 |
| Interns and Residents: | 0 |
| Registered Nurses: | 53 |
| Licensed Practical Nurses: | 7 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MENDOCINO COMMUNITY HOSP

860 N BUSH ST
UKIAH, CA 95482

Medicare Hospital Provider Number: 050381

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 47 | 11 | 5 - 25 | 41 | 22 | 8 - 35 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 2 | 0 | 6 - 89 | 1 | 0 | 2 - 97 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 100 | 2 - 97 |
| Infectious Disease | 0 | - | - | 1 | 100 | 1 - 97 |
| Metabolic/Electrolyte Disorders | 0 | - | - | 2 | 100 | 6 - 90 |
| Pulmonary Disease | 3 | 0 | 7 - 80 | 5 | 0 | 6 - 64 |
| Renal Failure | 0 | - | - | 1 | 100 | 2 - 98 |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 3 | 33 | 0 - 92 | 1 | 0 | 3 - 98 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 3 | 0 | 0 - 97 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 3 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 4 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 3 | 0 | 3 - 79 |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 38 |
| Occupancy Rate (%): | 14 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 15 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 0 |
| Registered Nurses: | 8 |
| Licensed Practical Nurses: | 9 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MERCED COMMUNITY MEDICAL CENTER

301 E 13TH ST
MERCED, CA 95340

Medicare Hospital Provider Number: 050444

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 981 | 17 | 11 - 17 | 907 | 14 | 11 - 16 |
| Cancer | 24 | 38 | 23 - 63 | 27 | 59 | 22 - 60 |
| Cerebrovascular Accidents | 38 | 37 | 16 - 47 | 22 | 27 | 11 - 49 |
| Gastrointestinal Catastrophes | 14 | 43 | 12 - 63 | 15 | 53 | 14 - 64 |
| Infectious Disease | 5 | 60 | 14 - 84 | 3 | 67 | 6 - 87 |
| Metabolic/Electrolyte Disorders | 22 | 36 | 13 - 55 | 23 | 4 | 12 - 40 |
| Pulmonary Disease | 70 | 31 | 19 - 43 | 58 | 16 | 16 - 38 |
| Renal Failure | 5 | 40 | 15 - 89 | 12 | 33 | 14 - 75 |
| Severe Acute Heart Disease | 42 | 50 | 27 - 58 | 43 | 40 | 25 - 55 |
| Severe Chronic Heart Disease | 59 | 34 | 15 - 40 | 62 | 34 | 15 - 39 |
| Severe Trauma | 1 | 0 | 2 - 97 | 2 | 0 | 1 - 92 |
| Gastrointestinal Disease | 79 | 8 | 1 - 17 | 68 | 4 | 1 - 17 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 178 | 2 | 2 - 7 | 151 | 5 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 60 | 8 | 1 - 21 | 54 | 0 | 1 - 10 |
| Neuropsychiatric/Sensory Disease | 13 | 0 | 0 - 64 | 15 | 7 | 0 - 99 |
| Urologic Disease | 29 | 17 | 0 - 84 | 21 | 10 | 0 - 98 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 158 |
| Occupancy Rate (%): | 67 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 101 |
| Percent of Physicians Who Are Board Certified Specialists: | 65 |
| Interns and Residents: | 15 |
| Registered Nurses: | 172 |
| Licensed Practical Nurses: | 44 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MERCY GENERAL HOSPITAL

4001 J ST
SACRAMENTO, CA 95819

Medicare Hospital Provider Number: 050017

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,763 | 11 | 9 - 13 | 3,849 | 10 | 9 - 13 |
| Cancer | 146 | 52 | 30 - 51 | 134 | 35 | 28 - 49 |
| Cerebrovascular Accidents | 108 | 26 | 17 - 35 | 111 | 28 | 19 - 38 |
| Gastrointestinal Catastrophes | 24 | 29 | 17 - 56 | 22 | 27 | 21 - 61 |
| Infectious Disease | 37 | 19 | 25 - 54 | 35 | 34 | 22 - 57 |
| Metabolic/Electrolyte Disorders | 54 | 26 | 14 - 43 | 84 | 38 | 16 - 43 |
| Pulmonary Disease | 155 | 26 | 18 - 36 | 149 | 26 | 18 - 35 |
| Renal Failure | 9 | 67 | 14 - 77 | 7 | 29 | 11 - 79 |
| Severe Acute Heart Disease | 113 | 27 | 27 - 46 | 97 | 28 | 30 - 50 |
| Severe Chronic Heart Disease | 174 | 23 | 15 - 29 | 202 | 25 | 16 - 30 |
| Severe Trauma | 6 | 0 | 6 - 59 | 6 | 33 | 7 - 75 |
| Gastrointestinal Disease | 184 | 5 | 1 - 10 | 186 | 5 | 1 - 9 |
| Gynecologic Disease | 29 | 3 | 0 - 99 | 32 | 0 | 0 -100 |
| Low-Risk Heart Disease | 733 | 4 | 3 - 6 | 744 | 3 | 3 - 6 |
| Musculoskeletal/Skin Conditions | 362 | 2 | 1 - 5 | 449 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 145 | 2 | 1 - 9 | 160 | 3 | 1 - 9 |
| Urologic Disease | 167 | 1 | 0 - 7 | 132 | 2 | 0 - 9 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 385 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | Yes |

Mercy General Hospital

October 21, 1988

William L. Roper, M.D., Administrator
Health Standards and Quality Bureau, HCFA
Attention:  Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland  21207

Dear Dr. Roper:

In reviewing the mortality data for Mercy General Hospital, we would like to bring to your attention that the hospital characteristics for 1986 need to be corrected.

Mercy General Hospital was licensed for 395 beds, and our occupancy for that period was 62.4%. In addition, we did have and still do have a very active outpatient hospice program.

Thank you for sharing your data with us prior to publication.

Sincerely,

D. Scott Ideson, Chief Executive Officer

DSI/FH/jh

4001 J Street
P.O. Box 19254
Sacramento, CA 95819-9000

A Division [illegible]

## MERCY HOSP

2215 TRUXTUN AVE
BAKERSFIELD, CA 93301

Medicare Hospital Provider Number: 050295

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,778 | 11 | 11 - 15 | 2,856 | 13 | 12 - 16 |
| Cancer | 105 | 41 | 32 - 55 | 109 | 47 | 30 - 53 |
| Cerebrovascular Accidents | 131 | 18 | 19 - 34 | 134 | 24 | 21 - 37 |
| Gastrointestinal Catastrophes | 28 | 43 | 20 - 59 | 24 | 58 | 22 - 63 |
| Infectious Disease | 57 | 33 | 21 - 50 | 45 | 22 | 25 - 54 |
| Metabolic/Electrolyte Disorders | 77 | 25 | 15 - 41 | 80 | 27 | 15 - 41 |
| Pulmonary Disease | 209 | 28 | 21 - 37 | 203 | 26 | 20 - 36 |
| Renal Failure | 27 | 33 | 16 - 66 | 37 | 35 | 16 - 66 |
| Severe Acute Heart Disease | 63 | 41 | 28 - 53 | 96 | 49 | 30 - 52 |
| Severe Chronic Heart Disease | 125 | 20 | 17 - 33 | 119 | 29 | 17 - 35 |
| Severe Trauma | 12 | 25 | 11 - 62 | 9 | 22 | 10 - 66 |
| Gastrointestinal Disease | 185 | 5 | 1 - 9 | 199 | 5 | 2 - 9 |
| Gynecologic Disease | 12 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 313 | 2 | 2 - 6 | 324 | 2 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 295 | 1 | 1 - 4 | 279 | 1 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 56 | 4 | 0 - 27 | 80 | 1 | 1 - 11 |
| Urologic Disease | 143 | 2 | 0 - 9 | 135 | 3 | 0 - 13 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 276 |
| Occupancy Rate (%): | 81 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 122 |
| Percent of Physicians Who Are Board Certified Specialists: | 84 |
| Interns and Residents: | 0 |
| Registered Nurses: | 211 |
| Licensed Practical Nurses: | 119 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MERCY HOSP & MEDICAL CENTER

4077 5TH AVE
SAN DIEGO, CA 92103

Medicare Hospital Provider Number: 050077

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 4,263 | 12 | 10 - 14 | 3,987 | 10 | 10 - 14 |
| Cancer | 184 | 37 | 32 - 52 | 167 | 35 | 32 - 52 |
| Cerebrovascular Accidents | 134 | 35 | 18 - 36 | 155 | 18 | 19 - 34 |
| Gastrointestinal Catastrophes | 39 | 21 | 22 - 53 | 41 | 15 | 22 - 51 |
| Infectious Disease | 45 | 40 | 20 - 52 | 28 | 46 | 21 - 60 |
| Metabolic/Electrolyte Disorders | 73 | 22 | 10 - 36 | 91 | 15 | 12 - 35 |
| Pulmonary Disease | 209 | 27 | 18 - 34 | 162 | 23 | 18 - 35 |
| Renal Failure | 20 | 20 | 19 - 70 | 13 | 38 | 13 - 73 |
| Severe Acute Heart Disease | 139 | 35 | 30 - 48 | 142 | 39 | 31 - 49 |
| Severe Chronic Heart Disease | 174 | 22 | 17 - 32 | 155 | 27 | 17 - 33 |
| Severe Trauma | 14 | 29 | 12 - 61 | 11 | 36 | 8 - 64 |
| Gastrointestinal Disease | 203 | 2 | 2 - 7 | 212 | 2 | 1 - 7 |
| Gynecologic Disease | 47 | 2 | 0 -100 | 42 | 0 | 0 -100 |
| Low-Risk Heart Disease | 481 | 4 | 2 - 6 | 441 | 4 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 535 | 2 | 1 - 5 | 480 | 3 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 134 | 4 | 1 - 12 | 173 | 3 | 1 - 8 |
| Urologic Disease | 240 | 2 | 0 - 7 | 219 | 1 | 0 - 6 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 411 |
| Occupancy Rate (%): | 78 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 401 |
| Percent of Physicians Who Are Board Certified Specialists: | 80 |
| Interns and Residents: | 21 |
| Registered Nurses: | 371 |
| Licensed Practical Nurses: | 35 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Mercy Hospital and Medical Center**

October 19, 1988

Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

Dear Mrs. Kappert:

Mercy Hospital and Medical Center is committed to quality patient care. Upon review of the Medicare Hospital Mortality Information, which will be released to the public in December, we note that actual mortality rates for each category fall within the range for predicted mortality for calendar year 1987, as well as 1986. In many cases Mercy's actual mortality rate is below or on the low side of the predicted mortality ranges.

Under the heading "Hospital Characteristics" we note that much of the information is in error, and would not have been accurate in 1986 when AHA collected the data. We request the opportunity to review the 1987 AHA information for accuracy.

Thank you for this opportunity to review and comment upon the Medicare Hospital Mortality Information.

Sincerely,

Mary Yarbrough

Mary Yarbrough
Chief Operating Officer

MY/DM/mc

4077 Fifth Avenue
San Diego, CA 92103-2180
(619) 294-8111

Serving the Community Since 1890

A Division of Catholic Healthcare W

## MERCY HOSPITAL OF FOLSOM

223 FARGO WAY
FOLSOM, CA 95630

Medicare Hospital Provider Number: 050414

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 481 | 14 | 9 - 16 | 445 | 14 | 10 - 17 |
| Cancer | 14 | 43 | 20 - 69 | 8 | 50 | 17 - 78 |
| Cerebrovascular Accidents | 16 | 38 | 11 - 57 | 17 | 12 | 14 - 49 |
| Gastrointestinal Catastrophes | 6 | 17 | 4 - 69 | 5 | 40 | 8 - 79 |
| Infectious Disease | 3 | 33 | 9 - 90 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 5 | 40 | 2 - 79 | 9 | 44 | 7 - 67 |
| Pulmonary Disease | 24 | 33 | 9 - 47 | 37 | 30 | 14 - 45 |
| Renal Failure | 0 | - | - | 3 | 33 | 8 - 91 |
| Severe Acute Heart Disease | 17 | 59 | 20 - 65 | 24 | 63 | 25 - 63 |
| Severe Chronic Heart Disease | 32 | 25 | 13 - 43 | 19 | 16 | 8 - 44 |
| Severe Trauma | 1 | 0 | 0 - 98 | 0 | - | - |
| Gastrointestinal Disease | 39 | 8 | 1 - 29 | 30 | 3 | 0 - 36 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 71 | 1 | 1 - 10 | 58 | 0 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 34 | 3 | 0 - 26 | 26 | 0 | 0 - 26 |
| Neuropsychiatric/Sensory Disease | 10 | 0 | 0 - 88 | 8 | 0 | 0 -100 |
| Urologic Disease | 19 | 0 | 0 - 97 | 21 | 0 | 0 - 84 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

Total Beds (#): 34
Ownership/Control: Private, For Profit

STAFFING

Interns and Residents: 0
Registered Nurses: 23
Licensed Practical Nurses: 11

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: Yes

## MERCY MEDICAL CENTER

2740 'M' STREET
MERCED, CA 95340

Medicare Hospital Provider Number: 050117

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,102 | 10 | 9 - 14 | 1,057 | 10 | 9 - 14 |
| Cancer | 23 | 48 | 18 - 59 | 26 | 46 | 21 - 60 |
| Cerebrovascular Accidents | 35 | 20 | 14 - 42 | 33 | 24 | 12 - 42 |
| Gastrointestinal Catastrophes | 17 | 24 | 12 - 56 | 14 | 50 | 18 - 69 |
| Infectious Disease | 11 | 27 | 14 - 66 | 5 | 20 | 7 - 75 |
| Metabolic/Electrolyte Disorders | 14 | 7 | 8 - 46 | 20 | 15 | 7 - 45 |
| Pulmonary Disease | 67 | 24 | 16 - 39 | 36 | 28 | 14 - 45 |
| Renal Failure | 11 | 18 | 12 - 69 | 6 | 17 | 5 - 74 |
| Severe Acute Heart Disease | 44 | 34 | 27 - 56 | 42 | 43 | 25 - 56 |
| Severe Chronic Heart Disease | 37 | 16 | 16 - 42 | 43 | 19 | 13 - 38 |
| Severe Trauma | 1 | 0 | 0 - 98 | 0 | - | - |
| Gastrointestinal Disease | 78 | 3 | 1 - 12 | 67 | 4 | 1 - 16 |
| Gynecologic Disease | 17 | 0 | 0 -100 | 23 | 0 | 0 -100 |
| Low-Risk Heart Disease | 131 | 5 | 1 - 11 | 124 | 6 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 87 | 3 | 1 - 13 | 81 | 0 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 26 | 8 | 0 - 62 | 20 | 0 | 0 - 54 |
| Urologic Disease | 100 | 1 | 0 - 10 | 104 | 2 | 0 - 15 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 93 |
| Occupancy Rate (%): | 66 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 165 |
| Percent of Physicians Who Are Board Certified Specialists: | 52 |
| Interns and Residents: | 0 |
| Registered Nurses: | 72 |
| Licensed Practical Nurses: | 40 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

MERCY HOSPITAL
The Hearts. The Hands. The Choice.

Administration

October 24, 1988

Health Standards and Quality Bureau HCFA
Mrs. Sandra Kappert
2D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Re: Mercy Hospital 05-0117

Dear Mrs. Kappert:

Thank you for the opportunity to provide input on the mortality statistics for 1987. Mercy Hospital welcomes the occasion to discuss the quality of our care and services.

Our hospital medical staff committees monitor every death in our facility on an ongoing basis. We believe that our monitoring system provides us with a continuous feedback mechanism in an effort to continue to meet and exceed quality care standards.

It is to be noted that in all the diagnostic categories, Mercy Hospital's actual mortality rate falls within or outside the low figures of the predicted mortality range. While death is the most serious outcome, it must be remembered that death is only one of many outcomes of medical treatment and the mortality rates in themselves can provide only a partial picture of institutional quality.

The basic problem with looking at mortality as an outcome of treatment, and making inferences about the quality of the treatment on the basis of that outcome, is how to establish that the death can be attributed directly to the hospital care received. The framework for analyzing the relationship between hospital death rates and medical treatment should be: mortality =

patient care characteristics + medical treatment + chance variation.

Again, thank you for the opportunity to present this response.

Sincerely,

Dennis W. Marshall
President & Chief Executive Officer

DWM/jlr

## MERCY MEDICAL CENTER

CLAIRMONT HEIGHTS
REDDING, CA 96099

Medicare Hospital Provider Number: 050280

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,126 | 14 | 9 - 14 | 2,150 | 13 | 9 - 14 |
| Cancer | 118 | 58 | 32 - 54 | 117 | 44 | 30 - 53 |
| Cerebrovascular Accidents | 74 | 30 | 15 - 37 | 78 | 33 | 17 - 39 |
| Gastrointestinal Catastrophes | 26 | 50 | 14 - 54 | 36 | 33 | 18 - 53 |
| Infectious Disease | 9 | 11 | 8 - 58 | 7 | 29 | 6 - 70 |
| Metabolic/Electrolyte Disorders | 24 | 13 | 10 - 43 | 16 | 31 | 8 - 55 |
| Pulmonary Disease | 77 | 29 | 15 - 37 | 83 | 29 | 17 - 39 |
| Renal Failure | 8 | 38 | 6 - 74 | 11 | 45 | 7 - 71 |
| Severe Acute Heart Disease | 83 | 36 | 25 - 48 | 82 | 38 | 28 - 51 |
| Severe Chronic Heart Disease | 73 | 23 | 13 - 34 | 77 | 23 | 14 - 34 |
| Severe Trauma | 4 | 25 | 1 - 84 | 4 | 50 | 2 - 83 |
| Gastrointestinal Disease | 133 | 3 | 1 - 10 | 141 | 2 | 1 - 8 |
| Gynecologic Disease | 48 | 0 | 0 -100 | 38 | 0 | 0 -100 |
| Low-Risk Heart Disease | 186 | 5 | 1 - 9 | 207 | 4 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 268 | 2 | 0 - 6 | 263 | 4 | 0 - 8 |
| Neuropsychiatric/Sensory Disease | 39 | 3 | 0 - 40 | 45 | 0 | 0 - 25 |
| Urologic Disease | 114 | 1 | 0 - 13 | 116 | 1 | 0 - 12 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 188 |
| Occupancy Rate (%): | 70 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 157 |
| Percent of Physicians Who Are Board Certified Specialists: | 80 |
| Interns and Residents: | 0 |
| Registered Nurses: | 213 |
| Licensed Practical Nurses: | 78 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Mercy Medical Center Redding**

MEDICARE PROVIDER #050280

October 21, 1988

Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

SUBJECT: MORTALITY DATA - MERCY MEDICAL CENTER REDDING

Dear Ms. Kappert:

I would like to thank you for the opportunity to review the Mortality Data peculiar to Mercy Medical Center Redding. I would also like to express our appreciation for the significant modifications made to your data collection methodology since this program's inception.

At this point, I have the following comments regarding data corrections and concerns over this year's data collection process which we feel may make some of this data misleading.

- Corrections to Hospital Characteristics:

| | |
|---|---|
| Beds (#) | 206 (Licensed) |
| Occupancy Rate | 73.5% (based on 190 active beds) |
| Interns & Residents per bed | 0.04 |
| Hospice Care | Yes |

- Methodology for determining the predicted mortality rate is unknown. Changes in hospital characteristics as outlined above may influence these predicted rates. For example, bed size, occupancy rate, hospice services, etc...

- Mercy Medical Center is one of the largest hospitals in California north of Sacramento. As such, it serves as a regional referral center and receives difficult cases and more acutely ill patients. This would shift mortality rates upward.

Clairmont Heights
P.O. Box 6009
Redding, CA 96099-6009
(916) 225-6000

A Division of Catholic Healthcare Wes

- The fact that a mortality is assigned to the last hospital from which a patient was discharged within a thirty day window does not account for:
    - Patients transferred from another facility which may have been incapable of handling the acuteness of the patients.
    - Hospice and Cancer patients who are discharged to die at home.
    - Occassions when patients who are discharged to a Skilled Nursing Facility and die in that facility, regardless of reason, and their death is apparently charged against our facility.
    - Patients who are treated for an illness and discharged from our facility and die of an unrelated illness within thirty days and without admission to Mercy Medical Center or any other facility. Apparently these deaths are also charged against our facility.

These identified concerns obviously will have a negative impact on our facility's Mortality Data.

Thank you for the opportunity to review this data and express our concerns. Your attention to this matter is appreciated.

Sincerely yours,

Paul A. Ferraiuolo
Vice President
Clinical and Support Services

PAF/ls
cc: George Govier
Joe Kortum
Bill Maus
David Stanford, M.D.

## MERCY SAN JUAN HOSP
6501 COYLE AVE
CARMICHAEL, CA 95608

Medicare Hospital Provider Number: 050516

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,425 | 12 | 10 - 14 | 2,276 | 11 | 9 - 14 |
| Cancer | 97 | 45 | 32 - 55 | 85 | 45 | 31 - 56 |
| Cerebrovascular Accidents | 85 | 36 | 16 - 38 | 98 | 22 | 20 - 38 |
| Gastrointestinal Catastrophes | 27 | 44 | 18 - 58 | 12 | 17 | 12 - 58 |
| Infectious Disease | 23 | 30 | 17 - 56 | 12 | 33 | 16 - 67 |
| Metabolic/Electrolyte Disorders | 42 | 12 | 11 - 38 | 19 | 16 | 9 - 47 |
| Pulmonary Disease | 114 | 27 | 17 - 36 | 79 | 25 | 16 - 38 |
| Renal Failure | 15 | 47 | 18 - 76 | 10 | 40 | 11 - 75 |
| Severe Acute Heart Disease | 83 | 39 | 24 - 47 | 75 | 49 | 30 - 54 |
| Severe Chronic Heart Disease | 127 | 22 | 16 - 32 | 108 | 21 | 14 - 32 |
| Severe Trauma | 4 | 25 | 5 - 80 | 4 | 0 | 5 - 72 |
| Gastrointestinal Disease | 165 | 2 | 1 - 8 | 164 | 3 | 1 - 8 |
| Gynecologic Disease | 36 | 0 | 0 -100 | 32 | 0 | 0 -100 |
| Low-Risk Heart Disease | 247 | 4 | 2 - 7 | 211 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 242 | 1 | 1 - 5 | 213 | 2 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 51 | 8 | 0 - 47 | 79 | 4 | 0 - 21 |
| Urologic Disease | 111 | 1 | 0 - 10 | 92 | 0 | 0 - 13 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 211 |
| Occupancy Rate (%): | 71 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 197 |
| Percent of Physicians Who Are Board Certified Specialists: | 48 |
| Interns and Residents: | 0 |
| Registered Nurses: | 261 |
| Licensed Practical Nurses: | 26 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Mercy San Juan Hospital**

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

MEDICARE PROVIDER
NUMBER 050516

Dear Mrs. Kappert:

This letter is in response to HCFA's data release for mortality of Medicare patients treated at Mercy San Juan Hospital - Provider Number 050516 - in 1987.

The report has been reviewed by Hospital Administration, Quality Assurance and Utilization Review, and we make the followng comments:

1. We have validated that, with minor exceptions, the data is accurate.

2. The data shows our death rate in each category for this period of time was within the range for predicted mortality rates.

3. Consistent with past practices, all deaths in this Hospital are included in the ongoing review by our Medical Staff Peer Review/ Quality Assurance/Utilization Review programs.

4. We notice an increase in a couple of categories from 1986 to 1987, to which our response is: Changes were made by HCFA in diagnostic categories to accommodate concerns of last year's groups of patients, because there were significant differences in risks of death within the same category that were not addressed in the 1986 study. The categories are Neuropsychiatric and Sensory Disease (formerly Ophthalmologic Disease); Musculoskeletal and Cutaneous Conditions (formerly Orthopedic disorders); Renal Failure (formerly Renal Disease); and Infectious Disease (formerly Sepsis).

5. The present data includes those individuals who expired after discharge from the Hospital, although this was within 30 days of admission to the Hospital. Since presently the data does not reflect the cause of death, we are not convinced that this data should be included with inhouse deaths.

6. The data of "Hospital Characteristics" was in error and is corrected on the report attached.

Sincerely,

J.R. Rinset

John R. Rinset
Chief Executive Officer
Mercy San Juan Hospital

JR:bb

6501 Coyle Avenue
Carmichael, CA 95608
(916) 537-5000

A Division of Catholic Healthcare West

## MERRITHEW MEMORIAL HOSP

2500 ALHAMBRA AVE
MARTINEZ, CA 94553

Medicare Hospital Provider Number: 050276

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 649 | 6 | 5 - 11 | 666 | 10 | 5 - 11 |
| Cancer | 12 | 58 | 19 - 71 | 9 | 33 | 17 - 74 |
| Cerebrovascular Accidents | 14 | 7 | 14 - 48 | 17 | 18 | 11 - 49 |
| Gastrointestinal Catastrophes | 5 | 60 | 10 - 81 | 5 | 60 | 5 - 78 |
| Infectious Disease | 5 | 20 | 5 - 74 | 8 | 50 | 13 - 74 |
| Metabolic/Electrolyte Disorders | 10 | 0 | 5 - 44 | 17 | 24 | 4 - 50 |
| Pulmonary Disease | 15 | 20 | 5 - 50 | 27 | 37 | 10 - 48 |
| Renal Failure | 2 | 100 | 5 - 90 | 0 | - | - |
| Severe Acute Heart Disease | 19 | 32 | 19 - 60 | 10 | 60 | 13 - 68 |
| Severe Chronic Heart Disease | 18 | 0 | 15 - 37 | 24 | 4 | 10 - 33 |
| Severe Trauma | 1 | 0 | 0 - 98 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 13 | 0 | 0 - 97 | 20 | 0 | 0 - 60 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 7 | 14 | 0 -100 |
| Low-Risk Heart Disease | 49 | 2 | 0 - 17 | 24 | 4 | 0 - 70 |
| Musculoskeletal/Skin Conditions | 40 | 0 | 0 - 24 | 46 | 4 | 0 - 47 |
| Neuropsychiatric/Sensory Disease | 231 | 2 | 0 - 7 | 239 | 3 | 0 - 10 |
| Urologic Disease | 12 | 17 | 0 -100 | 7 | 14 | 0 - 97 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 190 |
| Occupancy Rate (%): | 59 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 86 |
| Percent of Physicians Who Are Board Certified Specialists: | 63 |
| Interns and Residents: | 21 |
| Registered Nurses: | 181 |
| Licensed Practical Nurses: | 206 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | Yes |

Merrithew
Memorial
HOSPITAL
AND CLINICS

2500 Alhambra Avenue
Martinez, CA 94553
(415) 646-4730

October 6, 1988

Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Mrs. Sandra Kappert

To Whom It May Concern:

Merrithew Memorial Hospital has carefully reviewed the Health Care Financing Administration's (HCFA) mortality information about Medicare patients treated in our facility in 1987. According to this information, the mortality rate for Medicare patients at Merrithew fell within the predicted range of mortality rates in all but one of the seventeen Major Diagnostic Categories (MDC's) presented. The predicted percentage range of expected deaths for Merrithew was determined by HCFA.

The one MDC in which Merrithew was above the predicted mortality range was the category of "Renal Failure." The actual mortality rate for this category was calculated based on two cases. This small sample size may be misleading when analyzing percentage rates because one or two cases out of a small sample may significantly alter a precentage rate, whereas one or two cases out of a large sample may have little or no effect on a percentage rate.

The two patients in the Renal Failure category were transferred to Merrithew from other health care provider sites. Their underlying chronic kidney problems and other major chronic disease states contributed to the seriousness of their conditions upon admission. The critical nature of the patients' problems required their hospitalization in the Intensive Care Unit where they required cardio-pulmonary resuscitation, respiratory ventilator support and/or blood transfusions. Unfortunately the irreversible nature of the patients' disease states led to their demise.

In all of the remaining categories, Merrithew's mortality rates were well within HCFA's predicted range. I appreciate the opportunity to respond to the mortality information presented by HCFA.

Sincerely yours,

Frank J. Puglisi, Jr.
Executive Director
Merrithew Memorial Hospital & Clinics

FJP:bm

A-301A (3/87)

## METHODIST HOSP OF SOUTHERN CALIFORNI

300 W HUNTINGTON DR
ARCADIA, CA 91006

Medicare Hospital Provider Number: 050238

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,955 | 12 | 10 - 14 | 3,043 | 12 | 9 - 13 |
| Cancer | 126 | 45 | 29 - 52 | 135 | 48 | 31 - 52 |
| Cerebrovascular Accidents | 155 | 23 | 19 - 34 | 142 | 25 | 18 - 35 |
| Gastrointestinal Catastrophes | 28 | 57 | 24 - 63 | 26 | 46 | 17 - 57 |
| Infectious Disease | 31 | 32 | 20 - 55 | 23 | 43 | 19 - 61 |
| Metabolic/Electrolyte Disorders | 37 | 14 | 11 - 40 | 34 | 12 | 7 - 37 |
| Pulmonary Disease | 150 | 28 | 16 - 34 | 137 | 28 | 16 - 35 |
| Renal Failure | 7 | 71 | 14 - 81 | 8 | 63 | 19 - 85 |
| Severe Acute Heart Disease | 113 | 42 | 27 - 48 | 114 | 41 | 28 - 49 |
| Severe Chronic Heart Disease | 154 | 18 | 16 - 30 | 114 | 25 | 15 - 32 |
| Severe Trauma | 6 | 0 | 11 - 63 | 3 | 33 | 2 - 87 |
| Gastrointestinal Disease | 168 | 3 | 1 - 8 | 224 | 7 | 1 - 10 |
| Gynecologic Disease | 33 | 3 | 0 -100 | 36 | 0 | 0 -100 |
| Low-Risk Heart Disease | 306 | 3 | 1 - 6 | 297 | 4 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 363 | 2 | 1 - 6 | 387 | 4 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 98 | 2 | 1 - 10 | 104 | 2 | 1 - 10 |
| Urologic Disease | 137 | 3 | 0 - 13 | 131 | 2 | 0 - 9 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 305 |
| Occupancy Rate (%): | 62 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 194 |
| Percent of Physicians Who Are Board Certified Specialists: | 70 |
| Interns and Residents: | 0 |
| Registered Nurses: | 246 |
| Licensed Practical Nurses: | 69 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**METHODIST HOSPITAL OF SOUTHERN CALIFORNIA**
300 WEST HUNTINGTON DRIVE • ARCADIA, CALIFORNIA 91006 • (818) 445-4441

FREDERICK C. MEYER
PRESIDENT

September 28, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have received your 1987 Medicare Hospital Mortiality information and reviewed it. We are within norms for all categories reviewed and have no additional comments.

We would like to point out on the page with hospital characteristics, AHA 1986, that we have a ten-bed Coronary Care Unit. Your printout says "No." The number of Medical-Surgical beds total 195 as shown on your report. We also have 29 Critical Care beds (including the ten in CCU) and other services in Rehabilitation, Psychiatry, Pediatrics and Maternity, for a total of 345 acute care beds. Since your material does not specify category of beds, we wanted to differentiate between the 195 Medical-Surgical and our total complement. As reported in the 1986 AHA Annual Survey of Hospitals, we have 198 physicians and 152 are Board Certified, or 76%. Your report shows 62%.

Thank you very much for sharing your report.

Sincerely,

Fred C. Meyer

Frederick C. Meyer
President

FCM:cp

# METHODIST HOSPITAL

7500 TIMBERLAKE WAY
SACRAMENTO, CA 95823

Medicare Hospital Provider Number: 050590

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,285 | 16 | 11 - 16 | 1,311 | 16 | 10 - 16 |
| Cancer | 42 | 48 | 28 - 60 | 44 | 59 | 28 - 59 |
| Cerebrovascular Accidents | 94 | 30 | 20 - 39 | 78 | 33 | 18 - 40 |
| Gastrointestinal Catastrophes | 18 | 22 | 13 - 55 | 12 | 42 | 10 - 64 |
| Infectious Disease | 12 | 33 | 13 - 64 | 9 | 22 | 13 - 68 |
| Metabolic/Electrolyte Disorders | 29 | 31 | 11 - 48 | 25 | 24 | 6 - 45 |
| Pulmonary Disease | 71 | 30 | 14 - 38 | 82 | 29 | 16 - 38 |
| Renal Failure | 3 | 33 | 4 - 87 | 3 | 67 | 9 - 91 |
| Severe Acute Heart Disease | 52 | 52 | 24 - 53 | 59 | 32 | 28 - 53 |
| Severe Chronic Heart Disease | 74 | 32 | 14 - 36 | 74 | 24 | 14 - 35 |
| Severe Trauma | 1 | 0 | 0 - 99 | 3 | 0 | 1 - 84 |
| Gastrointestinal Disease | 82 | 4 | 1 - 14 | 99 | 4 | 1 - 12 |
| Gynecologic Disease | 18 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 111 | 5 | 1 - 12 | 147 | 5 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 120 | 1 | 1 - 7 | 112 | 2 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 17 | 6 | 0 - 75 | 15 | 7 | 0 -100 |
| Urologic Disease | 51 | 0 | 0 - 13 | 42 | 0 | 0 - 24 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 150 |
| Occupancy Rate (%): | 55 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 148 |
| Percent of Physicians Who Are Board Certified Specialists: | 80 |
| Interns and Residents: | 0 |
| Registered Nurses: | 128 |
| Licensed Practical Nurses: | 31 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MIDWAY HOSP MEDICAL CENTER

MIDWAY HOSP MED CTR
LOS ANGELES, CA 90019

Medicare Hospital Provider Number: 050477

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,548 | 13 | 11 - 15 | 1,495 | 10 | 10 - 15 |
| Cancer | 27 | 41 | 25 - 63 | 30 | 30 | 26 - 61 |
| Cerebrovascular Accidents | 66 | 29 | 16 - 40 | 57 | 23 | 19 - 43 |
| Gastrointestinal Catastrophes | 20 | 40 | 15 - 59 | 10 | 10 | 13 - 59 |
| Infectious Disease | 12 | 42 | 12 - 65 | 30 | 40 | 26 - 63 |
| Metabolic/Electrolyte Disorders | 38 | 16 | 8 - 38 | 45 | 20 | 11 - 40 |
| Pulmonary Disease | 104 | 37 | 23 - 44 | 89 | 30 | 23 - 45 |
| Renal Failure | 12 | 50 | 13 - 74 | 9 | 22 | 9 - 72 |
| Severe Acute Heart Disease | 39 | 38 | 28 - 59 | 40 | 35 | 32 - 62 |
| Severe Chronic Heart Disease | 83 | 22 | 16 - 35 | 80 | 17 | 16 - 35 |
| Severe Trauma | 3 | 33 | 3 - 86 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 68 | 6 | 1 - 17 | 76 | 5 | 1 - 15 |
| Gynecologic Disease | 7 | 14 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 173 | 3 | 2 - 8 | 125 | 2 | 2 - 9 |
| Musculoskeletal/Skin Conditions | 112 | 3 | 1 - 10 | 154 | 2 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 136 | 0 | 1 - 6 | 179 | 1 | 0 - 6 |
| Urologic Disease | 69 | 0 | 0 - 10 | 58 | 0 | 0 - 13 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 230 |
| Occupancy Rate (%): | 49 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

Summit Health Ltd.
**MIDWAY HOSPITAL MEDICAL CENTER**
5925 San Vicente Boulevard, Los Angeles, California 90019 • (213) 938-3161

JEG-ED88-1399

September 30, 1988

Medicare Provider No.
050477

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: **Midway Hospital Medical Center**
**Medicare Hospital Mortality Information**
**Hospital ID: 050477**

Dear Mrs. Kappert:

Enclosed please find the Medicare Hospital Mortality Information for Midway Hospital Medical Center as requested.

Please contact us immediately with any further questions you may have.

Sincerely,

J. E. Gillman

Jerry E. Gillman
Executive Director

JEG/eg

Enclosure

# MIDWOOD COMMUNITY HOSPITAL

7770 KATELLA AVE
STANTON, CA 90680

Medicare Hospital Provider Number: 050530

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 492 | 18 | 11 - 19 | 548 | 16 | 10 - 17 |
| Cancer | 10 | 60 | 18 - 74 | 10 | 50 | 18 - 74 |
| Cerebrovascular Accidents | 14 | 29 | 13 - 59 | 21 | 43 | 13 - 54 |
| Gastrointestinal Catastrophes | 5 | 80 | 9 - 76 | 8 | 63 | 9 - 70 |
| Infectious Disease | 5 | 80 | 6 - 74 | 17 | 47 | 20 - 67 |
| Metabolic/Electrolyte Disorders | 11 | 18 | 6 - 57 | 12 | 17 | 5 - 54 |
| Pulmonary Disease | 65 | 42 | 17 - 43 | 37 | 41 | 16 - 49 |
| Renal Failure | 1 | 100 | 2 - 97 | 6 | 33 | 9 - 80 |
| Severe Acute Heart Disease | 14 | 43 | 19 - 67 | 14 | 64 | 21 - 69 |
| Severe Chronic Heart Disease | 27 | 26 | 11 - 45 | 25 | 28 | 11 - 46 |
| Severe Trauma | 1 | 0 | 1 - 97 | 0 | - | - |
| Gastrointestinal Disease | 28 | 7 | 0 - 54 | 36 | 3 | 0 - 44 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 48 | 2 | 1 - 15 | 63 | 8 | 0 - 23 |
| Musculoskeletal/Skin Conditions | 35 | 3 | 0 - 32 | 62 | 0 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 - 92 | 10 | 0 | 0 -100 |
| Urologic Disease | 21 | 5 | 0 - 96 | 18 | 0 | 0 - 94 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1983

| | |
|---|---|
| Total Beds (#): | 110 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 90 |
| Licensed Practical Nurses: | 25 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# MISSION HOSPITAL

3111 E FLORENCE AVE
HUNTINGTON PARK, CA 90255

Medicare Hospital Provider Number: 050212

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 189 | 11 | 8 - 18 | 225 | 7 | 5 - 13 |
| Cancer | 10 | 40 | 13 - 69 | 4 | 0 | 9 - 73 |
| Cerebrovascular Accidents | 3 | 33 | 2 - 86 | 1 | 0 | 0 - 99 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 4 | 25 | 9 - 82 | 4 | 50 | 6 - 83 |
| Metabolic/Electrolyte Disorders | 4 | 25 | 0 - 88 | 4 | 0 | 0 - 84 |
| Pulmonary Disease | 12 | 25 | 18 - 66 | 7 | 14 | 3 - 64 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 2 | 100 | 7 - 91 | 3 | 33 | 7 - 88 |
| Severe Chronic Heart Disease | 6 | 17 | 10 - 71 | 19 | 21 | 13 - 51 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 22 | 0 | 0 - 57 | 35 | 3 | 0 - 41 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 23 | 4 | 0 - 66 | 31 | 3 | 0 - 38 |
| Musculoskeletal/Skin Conditions | 12 | 0 | 0 - 99 | 23 | 4 | 0 - 98 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 10 | 0 | 0 - 89 |
| Urologic Disease | 13 | 0 | 0 - 57 | 10 | 20 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 127 |
| Occupancy Rate (%): | 28 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 53 |
| Percent of Physicians Who Are Board Certified Specialists: | 43 |
| Interns and Residents: | 0 |
| Registered Nurses: | 51 |
| Licensed Practical Nurses: | 11 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MISSION HOSPITAL REGIONAL MEDICAL CT

27700 MEDICAL CENTER RD
MISSION VIEJO, CA 92691

Medicare Hospital Provider Number: 050567

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,101 | 12 | 10 - 15 | 1,050 | 10 | 10 - 16 |
| Cancer | 59 | 42 | 27 - 55 | 44 | 50 | 25 - 57 |
| Cerebrovascular Accidents | 54 | 26 | 15 - 39 | 67 | 31 | 18 - 41 |
| Gastrointestinal Catastrophes | 14 | 29 | 13 - 61 | 9 | 33 | 8 - 67 |
| Infectious Disease | 12 | 25 | 12 - 62 | 15 | 40 | 22 - 70 |
| Metabolic/Electrolyte Disorders | 10 | 20 | 4 - 59 | 18 | 11 | 5 - 43 |
| Pulmonary Disease | 44 | 30 | 16 - 44 | 48 | 23 | 15 - 41 |
| Renal Failure | 8 | 50 | 15 - 82 | 5 | 20 | 13 - 84 |
| Severe Acute Heart Disease | 37 | 30 | 23 - 54 | 42 | 24 | 27 - 55 |
| Severe Chronic Heart Disease | 58 | 29 | 13 - 38 | 43 | 12 | 16 - 38 |
| Severe Trauma | 4 | 25 | 6 - 81 | 5 | 20 | 4 - 75 |
| Gastrointestinal Disease | 64 | 5 | 0 - 24 | 57 | 2 | 0 - 15 |
| Gynecologic Disease | 9 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 125 | 5 | 1 - 11 | 118 | 3 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 115 | 3 | 1 - 10 | 95 | 1 | 0 - 9 |
| Neuropsychiatric/Sensory Disease | 44 | 2 | 0 - 24 | 47 | 2 | 0 - 22 |
| Urologic Disease | 57 | 0 | 0 - 30 | 49 | 2 | 0 - 27 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 212 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 219 |
| Percent of Physicians Who Are Board Certified Specialists: | 77 |
| Interns and Residents: | 0 |
| Registered Nurses: | 271 |
| Licensed Practical Nurses: | 9 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

MISSION HOSPITAL
REGIONAL MEDICAL CENTER

October 13, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

In response to your letter requesting accurate information on Mission Hospital Regional Medical Center I have reviewed all the documents and made the following revisions on the hospital characteristics:

**Beds:** 212

**Occupancy Rate:** 70%

**Total Number of Physicians:** 415

**Percent of Physicians who are Board Certified Specialists:** 70%

**Shock/Trauma or Burn Unit:** Yes

**Coronary Care Unit:** Yes

I appreciate your assistance in making the above corrections in your next publication of mortality information.

Sincerely,

Katie Lawrence

Kate Lawrence
Executive Secretary

# MISSION OAKS HOSPITAL

300 DE SOTO DR
LOS GATOS, CA 95030

Medicare Hospital Provider Number: 050319

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 374 | 18 | 9 - 18 | 346 | 13 | 8 - 16 |
| Cancer | 6 | 33 | 13 - 78 | 5 | 40 | 8 - 80 |
| Cerebrovascular Accidents | 10 | 30 | 13 - 66 | 14 | 21 | 10 - 54 |
| Gastrointestinal Catastrophes | 3 | 33 | 2 - 86 | 3 | 33 | 1 - 87 |
| Infectious Disease | 8 | 0 | 15 - 57 | 5 | 20 | 6 - 75 |
| Metabolic/Electrolyte Disorders | 20 | 30 | 6 - 50 | 17 | 18 | 5 - 48 |
| Pulmonary Disease | 32 | 34 | 11 - 45 | 20 | 40 | 9 - 52 |
| Renal Failure | 0 | - | - | 1 | 100 | 3 - 98 |
| Severe Acute Heart Disease | 10 | 80 | 23 - 72 | 13 | 38 | 21 - 71 |
| Severe Chronic Heart Disease | 15 | 53 | 7 - 56 | 15 | 27 | 9 - 54 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 19 | 11 | 0 - 60 | 16 | 6 | 0 - 93 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 17 | 0 | 0 - 51 | 25 | 4 | 0 - 45 |
| Musculoskeletal/Skin Conditions | 65 | 2 | 0 - 16 | 80 | 1 | 0 - 14 |
| Neuropsychiatric/Sensory Disease | 14 | 14 | 0 - 99 | 10 | 10 | 0 -100 |
| Urologic Disease | 7 | 0 | 0 - 98 | 7 | 14 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 54 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

MISSION OAKS
HOSPITAL

October 17, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

ATTN: Mrs. Sandra Kappert

Dear Mrs. Kappert:

Attached for your information are the comments that I would like to make related to the mortality data that you plan to report as it relates to Mission Oaks Hospital. In addition, I would like to point out that the Hospital Characteristics information also needs some adjustments.

First, you indicate that the total number of physicians on the staff of Mission Oaks Hospital to be 39. The actual number is 430, and the percent who are board certified is 77 percent. Under Specialty Services, I would point out that Mission Oaks Hospital has an intensive care unit that has all coronary care capabilities short of invasive cardiology.

We appreciate the opportunity to respond to this anticipated data release.

Very truly yours,

Lee McLendon

Lee McLendon
Administrator

LM:ld(lm4061)

Attachment

Medicare Provider #05-0319

# RESPONSE TO MEDICARE MORTALITY HOSPITAL DATA

The mortality data prepared by Health Care Financing Administration related to Mission Oaks Hospital shows a total of 374 cases with an actual mortality rate of 18 percent. The predicted mortality range is 9 to 18 percent. However, I would point out that the number of cases indicated in determining this mortality rate excludes 173 Medicare discharges during 1987. This is because the Health Care Financing Administration is counting only the final discharge of a patient during the year. Therefore, for patients who are admitted several times during the year, only the last admission counts. Mission Oaks Hospital actually had 547 Medicare discharges during 1987. The total number of deaths represents 12 percent of this number. Additionally, I would like to point out that of the 68 deaths, 48 or 63 percent of the total, were patients who were in excess of 80 years of age.

Mission Oaks Hospital also showed a mortality rate in excess of the average in the diagnostic category for severe acute heart disease. Mission Oaks Hospital's actual mortality rate was 80 percent as compared to a predicted range of 23 to 72 percent. Two factors are of significance here. First, the total number of cases, 10, is too low to be of any statistical significance. Secondly, the ages of four of the eight patients which created the mortality rate were in excess of 80 years old.

## MODESTO CITY HOSP

730 17TH ST
MODESTO, CA 95354

Medicare Hospital Provider Number: 050221

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 631 | 13 | 9 - 15 | 793 | 13 | 9 - 15 |
| Cancer | 11 | 45 | 18 - 72 | 20 | 35 | 17 - 59 |
| Cerebrovascular Accidents | 19 | 26 | 12 - 52 | 25 | 40 | 12 - 51 |
| Gastrointestinal Catastrophes | 4 | 25 | 2 - 81 | 7 | 71 | 10 - 72 |
| Infectious Disease | 13 | 23 | 11 - 59 | 8 | 13 | 7 - 61 |
| Metabolic/Electrolyte Disorders | 29 | 34 | 9 - 48 | 26 | 12 | 8 - 40 |
| Pulmonary Disease | 67 | 37 | 17 - 42 | 76 | 28 | 13 - 36 |
| Renal Failure | 2 | 50 | 2 - 92 | 3 | 100 | 13 - 89 |
| Severe Acute Heart Disease | 8 | 25 | 11 - 69 | 21 | 38 | 22 - 62 |
| Severe Chronic Heart Disease | 24 | 33 | 9 - 47 | 34 | 29 | 11 - 43 |
| Severe Trauma | 0 | - | - | 4 | 25 | 5 - 80 |
| Gastrointestinal Disease | 57 | 0 | 0 - 10 | 76 | 7 | 1 - 18 |
| Gynecologic Disease | 26 | 0 | 0 -100 | 30 | 0 | 0 -100 |
| Low-Risk Heart Disease | 69 | 6 | 0 - 20 | 87 | 3 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 43 | 2 | 0 - 33 | 51 | 2 | 0 - 38 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 -100 | 3 | 33 | 0 -100 |
| Urologic Disease | 17 | 0 | 0 - 98 | 21 | 0 | 0 - 40 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 121 |
| Occupancy Rate (%): | 67 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 104 |
| Percent of Physicians Who Are Board Certified Specialists: | 54 |
| Interns and Residents: | 0 |
| Registered Nurses: | 103 |
| Licensed Practical Nurses: | 54 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

MCH MODESTO
CITY
HOSPITAL
A National Medical Enterprises Health Care Center

730 - 17th STREET
P.O. BOX 700
MODESTO, CALIFORNIA 95353
TELEPHONE (209) 577-2100

October 25, 1988

Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

With reference to material furnished us recently which will be listed in the publication entitled "Medicare Hospital Mortality Information," we wish to call your attention to a correction in the hospital characteristics of this facility. I am sure that the update from AHA will probably correct this, however, our licensed capacity is not 59 beds as shown, but 121 acute care beds.

Thank you for noting this correction.

Yours very sincerely,

MODESTO CITY HOSPITAL

Harlyn Robinson
Administrator

5192B

## MODOC MED CTR

228 MCDOWELL ST
ALTURAS, CA 96101

Medicare Hospital Provider Number: 050430

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 121 | 12 | 10 - 22 | 124 | 13 | 6 - 19 |
| Cancer | 4 | 50 | 7 - 83 | 1 | 0 | 2 - 98 |
| Cerebrovascular Accidents | 3 | 33 | 5 - 86 | 2 | 100 | 3 - 88 |
| Gastrointestinal Catastrophes | 2 | 0 | 1 - 90 | 0 | - | - |
| Infectious Disease | 2 | 50 | 4 - 92 | 1 | 0 | 1 - 97 |
| Metabolic/Electrolyte Disorders | 5 | 0 | 2 - 65 | 4 | 25 | 0 - 90 |
| Pulmonary Disease | 16 | 19 | 14 - 54 | 11 | 9 | 6 - 50 |
| Renal Failure | 0 | - | - | 1 | 0 | 0 - 98 |
| Severe Acute Heart Disease | 3 | 33 | 9 - 90 | 5 | 60 | 9 - 80 |
| Severe Chronic Heart Disease | 9 | 0 | 14 - 51 | 6 | 0 | 11 - 61 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 12 | 0 | 0 - 74 | 10 | 0 | 0 -100 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 12 | 0 | 0 - 79 | 20 | 0 | 0 - 40 |
| Musculoskeletal/Skin Conditions | 5 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 1 | 0 | 0 -100 | 1 | 100 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 28 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## MONO GENERAL HOSP

P O BOX 536 TWIN LAKE RD
BRIDGEPORT, CA 93517

Medicare Hospital Provider Number: 050450

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 14 | 7 | 1 - 49 | 27 | 22 | 4 - 39 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 1 | 100 | 1 - 97 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 1 | 100 | 3 - 99 |
| Metabolic/Electrolyte Disorders | 1 | 0 | 0 -100 | 2 | 0 | 0 - 99 |
| Pulmonary Disease | 1 | 0 | 0 -100 | 2 | 0 | 1 - 91 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 1 | 0 | 2 - 97 | 1 | 0 | 2 - 97 |
| Severe Chronic Heart Disease | 0 | - | - | 3 | 33 | 3 - 86 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 2 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 2 | 50 | 0 -100 | 2 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 10 |
| Occupancy Rate (%): | 50 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 4 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 0 |
| Registered Nurses: | 5 |
| Licensed Practical Nurses: | 5 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MONROVIA COMM HOSP

323 S HELIOTROPE AVE
MONROVIA, CA 91016

Medicare Hospital Provider Number: 050155

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 345 | 12 | 9 - 17 | 415 | 14 | 9 - 16 |
| Cancer | 10 | 60 | 21 - 77 | 5 | 40 | 9 - 80 |
| Cerebrovascular Accidents | 8 | 13 | 10 - 61 | 6 | 33 | 4 - 73 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 100 | 2 - 97 |
| Infectious Disease | 3 | 67 | 4 - 86 | 10 | 50 | 15 - 72 |
| Metabolic/Electrolyte Disorders | 13 | 23 | 4 - 55 | 17 | 35 | 8 - 55 |
| Pulmonary Disease | 39 | 31 | 15 - 45 | 51 | 35 | 14 - 42 |
| Renal Failure | 5 | 0 | 6 - 70 | 4 | 75 | 7 - 84 |
| Severe Acute Heart Disease | 9 | 33 | 13 - 69 | 9 | 11 | 19 - 66 |
| Severe Chronic Heart Disease | 14 | 21 | 8 - 52 | 19 | 21 | 8 - 46 |
| Severe Trauma | 0 | - | - | 2 | 50 | 4 - 93 |
| Gastrointestinal Disease | 19 | 5 | 0 - 70 | 27 | 11 | 0 - 61 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 72 | 0 | 2 - 8 | 72 | 1 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 34 | 0 | 0 - 36 | 40 | 2 | 0 - 56 |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 5 | 0 | 0 -100 |
| Urologic Disease | 18 | 0 | 0 - 93 | 19 | 0 | 0 - 35 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 49 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 23 |
| Licensed Practical Nurses: | 6 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MONTEREY PARK HOSP

900 S ATLANTIC BLVD
MONTEREY PARK, CA 91754

Medicare Hospital Provider Number: 050591

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 827 | 11 | 11 - 16 | 873 | 11 | 11 - 16 |
| Cancer | 17 | 47 | 28 - 74 | 25 | 24 | 27 - 63 |
| Cerebrovascular Accidents | 23 | 22 | 13 - 48 | 29 | 28 | 19 - 52 |
| Gastrointestinal Catastrophes | 15 | 33 | 16 - 64 | 13 | 31 | 18 - 67 |
| Infectious Disease | 20 | 30 | 21 - 62 | 20 | 35 | 17 - 59 |
| Metabolic/Electrolyte Disorders | 12 | 8 | 9 - 51 | 22 | 14 | 7 - 43 |
| Pulmonary Disease | 54 | 30 | 20 - 46 | 59 | 29 | 17 - 42 |
| Renal Failure | 13 | 31 | 19 - 77 | 14 | 29 | 22 - 79 |
| Severe Acute Heart Disease | 20 | 30 | 19 - 59 | 22 | 45 | 25 - 65 |
| Severe Chronic Heart Disease | 39 | 21 | 15 - 42 | 38 | 5 | 14 - 32 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 56 | 4 | 0 - 22 | 82 | 2 | 1 - 12 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 139 | 3 | 1 - 9 | 143 | 1 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 48 | 2 | 0 - 19 | 55 | 2 | 0 - 20 |
| Neuropsychiatric/Sensory Disease | 10 | 0 | 0 - 99 | 8 | 13 | 0 -100 |
| Urologic Disease | 57 | 0 | 0 - 11 | 42 | 2 | 0 - 29 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

| | |
|---|---|
| Total Beds (#): | 96 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 88 |
| Licensed Practical Nurses: | 9 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Monterey Park Hospital

October 24, 1988

Health Care Financing Administration
Health Standards & Quality Bureau
Hospital Mortality Information
6300 Security Boulevard
Room 202
Meadows East Building
Baltimore, MD 21207

Attention: Harvey Brooks

RE: MONTEREY PARK HOSPITAL'S 1987 MORTALITY DATA RELEASE

Gentlemen:

Thank you for this opportunity to respond to the release of data on hospital mortality rates for January 1, 1987 through December, 31, 1987. Since receiving the report dated September 16, 1988, Monterey Park Hospital staff has had an opportunity to review the data.

The Director of Medical Records has validated the data as being accurate. The Quality Assurance Coordinator has reviewed all cases reflected in this report.

On an ongoing basis, appropriate clinical departments have always reviewed every mortality in our facility for appropriateness of care. Our hospital has a comprehensive, ongoing Quality Assurance Program which identifies problems and works to resolve them as quickly as possible. Support for these activities by our Medical Staff is evidenced by their commitment to high quality patient care.

Based on a comprehensive review of the data and the specific medical records it reflects, we are confident that you and any member of the public who requests a copy of our statistical information will be interested in our summary report.

The following summarizes our findings:

The data used by HCFA indicate that of a total of 827 Medicare patients admitted to Monterey Park Hospital, 95 expired within 30 days of admission. Of these, 66 died while still a patient of the hospital, while 29 died after discharge. From our review, there were no additional patients who expired in our facility who should had been included in the statistics.

Page 2

In one of the diagnostic categories, the hospital's actual mortality rate is below the range of the predicted mortality rate as indicated below. In all other categories and in the overall mortality rate, the hospital was within the lowest predicted rate ranges.

| | |
|---|---|
| Metabolic/Electrolyte Disturbance | - Predicted mortality rate - 9 to 51% -<br>MPH Actual mortality rate - 8% |

The Medical Staff of Monterey Park Hospital, as has been their practice, will continue to review all mortality cases for quality and appropriateness of care rendered to the individual patient. Trending analysis from these reviews is a constant endeavor to assist in identifying opportunities to improve care.

Again, thank you for the opportunity to present this response. If you or anyone receiving this information has additional questions, please do not hesitate to call.

Sincerely,

Reggie Panis

Reggie Panis
Administrator

RP/vn

cc: R. Hicks
C. Goette
C. Merino

# MONTEREY PENINSULA HOSPITAL

576 HARTNELL ST
MONTEREY, CA 93940

Medicare Hospital Provider Number: 050458

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2 | 0 | 0 -100 | 3 | 33 | 1 - 90 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 0 | - | - | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 0 | - | - |
| Musculoskeletal/Skin Conditions | 0 | - | - | 0 | - | - |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 86 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 4 |
| Licensed Practical Nurses: | 2 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MOTION PICTURE & TELEVISION HOSP

23388 MULHOLLAND DRIVE
WOODLAND HILLS, CA 91364

Medicare Hospital Provider Number: 050552

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 198 | 11 | 9 - 18 | 200 | 15 | 12 - 23 |
| Cancer | 5 | 20 | 8 - 76 | 10 | 60 | 19 - 74 |
| Cerebrovascular Accidents | 4 | 0 | 4 - 70 | 6 | 50 | 7 - 75 |
| Gastrointestinal Catastrophes | 2 | 0 | 5 - 89 | 4 | 50 | 6 - 83 |
| Infectious Disease | 1 | 0 | 0 - 99 | 5 | 40 | 9 - 80 |
| Metabolic/Electrolyte Disorders | 2 | 50 | 0 - 95 | 3 | 0 | 2 - 80 |
| Pulmonary Disease | 22 | 41 | 12 - 53 | 18 | 28 | 12 - 53 |
| Renal Failure | 0 | - | - | 2 | 50 | 3 - 93 |
| Severe Acute Heart Disease | 4 | 0 | 10 - 74 | 8 | 38 | 20 - 79 |
| Severe Chronic Heart Disease | 12 | 17 | 10 - 55 | 18 | 22 | 10 - 49 |
| Severe Trauma | 0 | - | - | 2 | 100 | 2 - 89 |
| Gastrointestinal Disease | 17 | 12 | 1 - 47 | 13 | 0 | 0 - 98 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 17 | 12 | 0 - 78 | 17 | 0 | 0 - 41 |
| Musculoskeletal/Skin Conditions | 16 | 0 | 0 - 81 | 13 | 8 | 0 - 87 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 -100 | 6 | 0 | 0 - 99 |
| Urologic Disease | 15 | 0 | 0 - 94 | 15 | 0 | 0 - 90 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 170 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## MOUNT ZION HOSP & MEDICAL CENTER

1600 DIVISADERO ST
SAN FRANCISCO, CA 94115

Medicare Hospital Provider Number: 050033

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,930 | 12 | 11 - 16 | 2,029 | 13 | 11 - 16 |
| Cancer | 88 | 43 | 29 - 54 | 104 | 52 | 30 - 54 |
| Cerebrovascular Accidents | 89 | 22 | 17 - 36 | 98 | 20 | 18 - 36 |
| Gastrointestinal Catastrophes | 22 | 23 | 15 - 54 | 18 | 28 | 12 - 55 |
| Infectious Disease | 24 | 17 | 21 - 55 | 25 | 32 | 16 - 55 |
| Metabolic/Electrolyte Disorders | 25 | 24 | 15 - 52 | 23 | 17 | 8 - 45 |
| Pulmonary Disease | 105 | 35 | 17 - 38 | 113 | 23 | 20 - 39 |
| Renal Failure | 13 | 23 | 12 - 69 | 8 | 25 | 12 - 77 |
| Severe Acute Heart Disease | 105 | 28 | 31 - 51 | 116 | 31 | 32 - 51 |
| Severe Chronic Heart Disease | 91 | 23 | 13 - 32 | 71 | 15 | 18 - 36 |
| Severe Trauma | 5 | 0 | 8 - 66 | 5 | 0 | 9 - 67 |
| Gastrointestinal Disease | 88 | 6 | 1 - 15 | 91 | 4 | 1 - 13 |
| Gynecologic Disease | 9 | 11 | 0 -100 | 18 | 0 | 0 -100 |
| Low-Risk Heart Disease | 199 | 4 | 2 - 8 | 193 | 3 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 209 | 6 | 1 - 9 | 216 | 3 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 65 | 3 | 0 - 26 | 74 | 0 | 0 - 9 |
| Urologic Disease | 111 | 1 | 0 - 9 | 92 | 1 | 0 - 18 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 288 |
| Occupancy Rate (%): | 70 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 678 |
| Percent of Physicians Who Are Board Certified Specialists: | 80 |
| Interns and Residents: | 54 |
| Registered Nurses: | 266 |
| Licensed Practical Nurses: | 41 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Mount Zion Hospital and Medical Center MtZ
1600 Divisadero Street, San Francisco Telephone (415) 567-6600
Mailing Address: Post Office Box 7921, San Francisco, California 94120

Dr. William L. Roper, Administrator
Health Care Financing Administration
6325 Security Blvd.
Baltimore, Maryland 21207

Mount Zion Hospital provider # 050033

Dear Dr. Roper:

Mount Zion Hospital and Medical Center welcomes the opportunity to respond to HCFA's mortality report for the period of 01/1/87 to 12/30/87.

Mount Zion, a teaching hospital affiliated with the University of California - San Francisco, is an urban, acute-care medical center. The aged and low income segments of the population we serve are frequently admitted with more serious illnesses and pre-existing comorbidities than other patient populations. For the time period represented in HCFA's data, 39% of Mount Zion's acute care discharges were Medicare patients and 22% were MediCaid. In addition, Mount Zion has a well-known, established cancer program to which many patients with advanced stages of disease are referred.

**Review of the statistics indicates that Mount Zion's actual mortality rate did not exceed HCFA's predicted range in any of the diagnostic categories. Indeed, in many instances, our rates were at the lower limits.**

In our view, mortality rates alone do not reflect the quality of care at any hospital. Our Quality Management Department, in conjunction with the medical staff, reviews every death in our facility to monitor the quality and appropriateness of care given and to determine steps for interceding in future cases, if necessary.

Mount Zion believes publication of useful, reliable information about quality of healthcare is in the public interest. Our concern about releasing mortality data lies in the fact that it is likely to be interpreted as a indicator of quality care. We do not believe that is correct. Mortality data is helpful in guiding or focusing quality review efforts, but, taken by itself, does not accurately reflect the quality of care in this or any other institution. Quality of care is of enormous importance to our medical staff, management and governing board. Any indication of a potential problem results in prompt review

Thank you for the opportunity to present this written response. If you or anyone receiving this material has additional questions, please contact us.

Sincerely,

Martin H. Diamond

Martin H. Diamond
President & Chief Executive Officer

Jerome Botkin, M.D.
Incoming Chief of Staff

## MOUNTAINS COMMUNITY HOSPITAL

P O BOX 70 NORTH SHORE RD HWY
LAKE ARROWHEAD, CA 92352

Medicare Hospital Provider Number: 050260

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 34 | 3 | 5 - 22 | 45 | 2 | 3 - 16 |
| Cancer | 2 | 50 | 7 - 96 | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 1 | 0 | 1 - 97 | 0 | - | - |
| Infectious Disease | 1 | 0 | 0 - 97 | 1 | 0 | 0 - 98 |
| Metabolic/Electrolyte Disorders | 1 | 0 | 3 - 99 | 0 | - | - |
| Pulmonary Disease | 1 | 0 | 0 -100 | 4 | 0 | 1 - 74 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 1 | 100 | 3 - 98 |
| Severe Chronic Heart Disease | 0 | - | - | 5 | 0 | 1 - 67 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 8 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 5 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 3 | 0 | 0 - 99 | 3 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 37 |
| Occupancy Rate (%): | 22 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 14 |
| Percent of Physicians Who Are Board Certified Specialists: | 79 |
| Interns and Residents: | 0 |
| Registered Nurses: | 23 |
| Licensed Practical Nurses: | 2 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MOUNTIAN VIEW MEDICAL CENTER

1575 ERRINGER ROAD
SIMI VALLEY, CA 93065

Medicare Hospital Provider Number: 050562

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 10 | 30 | 1 - 67 | 330 | 12 | 10 - 18 |
| Cancer | 0 | - | - | 19 | 16 | 23 - 60 |
| Cerebrovascular Accidents | 1 | 100 | 0 - 99 | 13 | 8 | 10 - 47 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 100 | 1 - 97 |
| Infectious Disease | 1 | 0 | 0 - 99 | 3 | 100 | 13 - 85 |
| Metabolic/Electrolyte Disorders | 0 | - | - | 7 | 43 | 4 - 71 |
| Pulmonary Disease | 1 | 0 | 0 - 97 | 28 | 36 | 11 - 48 |
| Renal Failure | 0 | - | - | 2 | 50 | 5 - 94 |
| Severe Acute Heart Disease | 0 | - | - | 16 | 50 | 17 - 63 |
| Severe Chronic Heart Disease | 1 | 100 | 0 -100 | 14 | 14 | 11 - 51 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 24 | 4 | 0 - 63 |
| Gynecologic Disease | 0 | - | - | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 2 | 0 | 0 -100 | 48 | 2 | 1 - 16 |
| Musculoskeletal/Skin Conditions | 0 | - | - | 22 | 0 | 0 - 89 |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 4 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 8 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1983

Total Beds (#): 70
Ownership/Control: Private, For Profit

STAFFING

Interns and Residents: 0
Registered Nurses: 48
Licensed Practical Nurses: 10

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

## MT DIABLO HOSP MED CTR

2540 EAST ST
CONCORD, CA 94520

Medicare Hospital Provider Number: 050496

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,417 | 13 | 11 - 15 | 2,384 | 11 | 11 - 15 |
| Cancer | 87 | 40 | 30 - 55 | 76 | 29 | 28 - 52 |
| Cerebrovascular Accidents | 89 | 31 | 17 - 38 | 105 | 26 | 19 - 37 |
| Gastrointestinal Catastrophes | 24 | 38 | 17 - 57 | 17 | 35 | 16 - 62 |
| Infectious Disease | 38 | 24 | 20 - 51 | 47 | 32 | 21 - 52 |
| Metabolic/Electrolyte Disorders | 27 | 41 | 8 - 49 | 39 | 21 | 10 - 41 |
| Pulmonary Disease | 119 | 31 | 17 - 37 | 112 | 29 | 18 - 38 |
| Renal Failure | 12 | 33 | 5 - 67 | 20 | 25 | 14 - 68 |
| Severe Acute Heart Disease | 131 | 38 | 28 - 47 | 111 | 31 | 29 - 49 |
| Severe Chronic Heart Disease | 136 | 19 | 16 - 31 | 128 | 19 | 16 - 31 |
| Severe Trauma | 4 | 50 | 9 - 85 | 4 | 25 | 3 - 81 |
| Gastrointestinal Disease | 136 | 4 | 1 - 10 | 112 | 3 | 2 - 10 |
| Gynecologic Disease | 35 | 0 | 0 - 89 | 25 | 0 | 0 -100 |
| Low-Risk Heart Disease | 426 | 5 | 2 - 7 | 408 | 3 | 3 - 7 |
| Musculoskeletal/Skin Conditions | 167 | 4 | 1 - 9 | 204 | 2 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 63 | 0 | 1 - 9 | 40 | 2 | 0 - 29 |
| Urologic Disease | 92 | 3 | 0 - 14 | 66 | 2 | 0 - 26 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 303 |
| Occupancy Rate (%): | 60 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 212 |
| Percent of Physicians Who Are Board Certified Specialists: | 82 |
| Interns and Residents: | 0 |
| Registered Nurses: | 344 |
| Licensed Practical Nurses: | 46 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## MT SHASTA COMMUNITY HOSP

914 PINE STREET
MOUNT SHASTA, CA 96067

Medicare Hospital Provider Number: 050419

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 399 | 14 | 9 - 17 | 406 | 12 | 9 - 16 |
| Cancer | 11 | 55 | 15 - 69 | 12 | 58 | 15 - 67 |
| Cerebrovascular Accidents | 15 | 40 | 8 - 56 | 11 | 27 | 9 - 60 |
| Gastrointestinal Catastrophes | 5 | 20 | 7 - 75 | 6 | 33 | 5 - 74 |
| Infectious Disease | 8 | 38 | 10 - 71 | 2 | 0 | 5 - 89 |
| Metabolic/Electrolyte Disorders | 5 | 0 | 2 - 66 | 9 | 44 | 9 - 68 |
| Pulmonary Disease | 35 | 23 | 15 - 45 | 42 | 31 | 13 - 43 |
| Renal Failure | 2 | 0 | 6 - 91 | 0 | - | - |
| Severe Acute Heart Disease | 16 | 38 | 21 - 66 | 18 | 17 | 20 - 56 |
| Severe Chronic Heart Disease | 23 | 30 | 9 - 47 | 20 | 10 | 11 - 42 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 21 | 0 | 0 - 52 | 31 | 0 | 0 - 22 |
| Gynecologic Disease | 9 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 53 | 4 | 0 - 20 | 37 | 3 | 0 - 26 |
| Musculoskeletal/Skin Conditions | 47 | 4 | 0 - 31 | 47 | 4 | 0 - 77 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Urologic Disease | 19 | 0 | 0 - 82 | 26 | 0 | 0 - 24 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 33 |
| Occupancy Rate (%): | 52 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 17 |
| Percent of Physicians Who Are Board Certified Specialists: | 59 |
| Interns and Residents: | 0 |
| Registered Nurses: | 51 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## N M HOLDERMAN HOSP
CA VETERAMS HOME
YOUNTVILLE , CA 94599

Medicare Hospital Provider Number: 050667

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 321 | 23 | 13 - 22 | 370 | 20 | 12 - 21 |
| Cancer | 3 | 67 | 5 - 86 | 6 | 50 | 13 - 80 |
| Cerebrovascular Accidents | 13 | 62 | 8 - 58 | 11 | 45 | 7 - 62 |
| Gastrointestinal Catastrophes | 4 | 25 | 8 - 82 | 4 | 25 | 6 - 80 |
| Infectious Disease | 1 | 0 | 0 - 98 | 5 | 60 | 13 - 84 |
| Metabolic/Electrolyte Disorders | 9 | 0 | 8 - 49 | 3 | 67 | 3 - 86 |
| Pulmonary Disease | 40 | 25 | 14 - 42 | 47 | 40 | 15 - 45 |
| Renal Failure | 2 | 50 | 5 - 94 | 0 | - | - |
| Severe Acute Heart Disease | 31 | 71 | 22 - 55 | 27 | 63 | 23 - 59 |
| Severe Chronic Heart Disease | 25 | 28 | 11 - 47 | 31 | 26 | 17 - 48 |
| Severe Trauma | 0 | - | - | 1 | 100 | 2 - 97 |
| Gastrointestinal Disease | 17 | 24 | 0 - 79 | 16 | 0 | 0 - 70 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 18 | 6 | 0 - 48 | 29 | 0 | 1 - 18 |
| Musculoskeletal/Skin Conditions | 17 | 6 | 0 - 81 | 20 | 0 | 0 - 40 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 -100 | 11 | 0 | 0 - 96 |
| Urologic Disease | 4 | 0 | 0 -100 | 3 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 46 |
| Ownership/Control: | State Government |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 26 |
| Licensed Practical Nurses: | 2 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## N T ENLOE MEMORIAL HOSP

5TH AVE THE ESPLANADE
CHICO, CA 95926

Medicare Hospital Provider Number: 050039

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,638 | 12 | 11 - 15 | 2,552 | 12 | 10 - 14 |
| Cancer | 160 | 48 | 31 - 52 | 134 | 46 | 32 - 54 |
| Cerebrovascular Accidents | 96 | 24 | 18 - 37 | 87 | 20 | 18 - 37 |
| Gastrointestinal Catastrophes | 23 | 13 | 18 - 52 | 21 | 33 | 17 - 59 |
| Infectious Disease | 18 | 67 | 20 - 64 | 11 | 27 | 13 - 65 |
| Metabolic/Electrolyte Disorders | 25 | 24 | 13 - 50 | 15 | 13 | 9 - 50 |
| Pulmonary Disease | 96 | 20 | 17 - 36 | 101 | 20 | 18 - 37 |
| Renal Failure | 7 | 14 | 19 - 82 | 8 | 38 | 14 - 81 |
| Severe Acute Heart Disease | 145 | 33 | 28 - 46 | 102 | 43 | 27 - 48 |
| Severe Chronic Heart Disease | 101 | 29 | 14 - 33 | 87 | 36 | 19 - 40 |
| Severe Trauma | 18 | 33 | 10 - 56 | 17 | 35 | 12 - 59 |
| Gastrointestinal Disease | 130 | 2 | 1 - 9 | 147 | 3 | 1 - 8 |
| Gynecologic Disease | 41 | 0 | 0 -100 | 20 | 0 | 0 - 68 |
| Low-Risk Heart Disease | 430 | 4 | 2 - 6 | 480 | 5 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 299 | 1 | 1 - 5 | 277 | 1 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 44 | 5 | 0 - 33 | 48 | 4 | 0 - 34 |
| Urologic Disease | 59 | 2 | 0 - 25 | 66 | 3 | 0 - 19 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 201 |
| Occupancy Rate (%): | 83 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 156 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 0 |
| Registered Nurses: | 299 |
| Licensed Practical Nurses: | 85 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

ENLOE
HOSPITAL
W. 5th Avenue & The Esplanade
Chico, California 95926
(916) 891-7300

A Nonprofit Corporation

Accredited by the Joint
Commission on Accreditation of
Healthcare Organizations

JAMES P. SWEENEY
Executive Director

BOARD OF TRUSTEES
Evelyn H. Morehead
Chairman
Edith Barceloux-Pucci
Vice Chairman
Alice S. Starmer
Secretary
Harlen M. Adams
Don L. Deter
Eric A. Ford, M.D.
James M. Mabry
Paul M. Smith
Gerald T. Telander, M.D.
Pietro J. Volpato
J. Thomas Wallace, III
J.B. Wilson
James P. Sweeney

75th
*Anniversary*
1913-1988

October 5, 1988

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

This letter is to provide comments and response to the hospital specific selected mortality data prepared by Health Care Financing Administration (H.C.F.A.) of Medicare patients treated during 1987.

Before commenting, some descriptive information about Enloe Hospital will be useful. First, Enloe Hospital is classified by the Office of Statewide Health Planning and Development as a Large Complex hospital. Enloe Hospital is the only hospital in Health Systems Area (HSA) 1 with this designation. The classification is based, in part, on Enloe Hospital's broad range of specialized services, such as Open Heart Surgery, Cardiac Catheterization Laboratory, Radiation Therapy, Neurosurgery, Trauma Center, and Flight Care (our Helicopter Service).

Second, Enloe Hospital has many Medicare patients in Diagnosis Related Groupings with high case weights. The result is a hospital-wide Medicare case-mix index of approximately 1.58. This case-mix index is probably among the highest 4% in the United States.

Third, Enloe Hospital has a high proportion of intensive care services. Enloe Hospital has five (5) adult intensive care areas:

Acute Respiratory Care
Coronary Care
Intensive Care-Medical
Intensive Care-Neuro/Neurosurgical
Intensive Care-Trauma/Surgical

These five (5) units have a total of thirty-three (33) beds. In addition, there are twenty-three (23) beds in a "step-down" unit providing a level of care between intensive and general medical-surgical care. Also, Enloe Hospital has thirty-two (32) telemetry cardiac monitors.

Fourth, Enloe Hospital admits patients from a large geographic area. Cancer, cardiac, trauma, and respiratory patients, as well as others, are referred to specialists in Chico. Patient origin studies show approximately one third of Enloe Hospital's patients reside in Chico, one third reside elsewhere in Butte County, and the remaining one third reside outside Butte County.

These factors demonstrate that Enloe Hospital provides diagnostic and treatment services to patients from a large geographic area, who have a high level of medical complexity and severity of illness.

According to the statistical model, during 1987, H.C.F.A. expected that Enloe Hospital would have a mortality rate between 11 and 15 per cent. With the type of patients based on age, sex, previous hospitalizations, primary diagnosis, and secondary diagnoses and with Enloe's high level of medical complexity and intensity of care, Enloe Hospital's actual experience was consistent with the H.C.F.A. expected experience.

The newly added section on "Hospital Characteristics" contains some erroneous information about Enloe Hospital:

A. The total number of beds in 1987 was 201.

B. The percent of physicians who are board certified specialists was 83% (119 of the 143 total).

C. There is no transplant service. (Our AHA survey indicated "0".)

D. There is hospice care service. It was accredited by the Joint Commission in 1986. Our hospice program is home care oriented.

E. The nurse per bed ratios are not data reported by hospitals to AHA. Comparison to other hospitals may be misleading because:

   1. Enloe Hospital employs many per diem nurses.

   2. Enloe Hospital has many non-inpatient departments with nurses; specifically Radiology, Cardiac Cath Lab, Stress and Health, Hospice, Home Care, Nursing Education, Cardiac Rehab, Breast Screening Center.

Sincerely,

George W. Fribance

George W. Fribance
Assistant Administrator

c: Ms. Karen Logsdon, Senior Vice President
California Association of Hospitals and Health Systems

Ms. Carol M. McCarthy, Ph.D., J.D., President
American Hospital Association

# NATIVIDAD MEDICAL CENTER

1330 NATIVIDAD RD BOX 1611
SALINAS, CA 93906

Medicare Hospital Provider Number: 050248

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 402 | 14 | 8 - 16 | 342 | 17 | 9 - 18 |
| Cancer | 9 | 44 | 15 - 73 | 9 | 67 | 14 - 71 |
| Cerebrovascular Accidents | 19 | 26 | 7 - 48 | 12 | 33 | 11 - 62 |
| Gastrointestinal Catastrophes | 3 | 67 | 11 - 92 | 5 | 60 | 5 - 78 |
| Infectious Disease | 10 | 50 | 11 - 68 | 10 | 50 | 12 - 69 |
| Metabolic/Electrolyte Disorders | 11 | 9 | 4 - 51 | 13 | 23 | 10 - 58 |
| Pulmonary Disease | 21 | 48 | 10 - 52 | 23 | 39 | 12 - 52 |
| Renal Failure | 0 | - | - | 1 | 0 | 0 - 98 |
| Severe Acute Heart Disease | 16 | 69 | 20 - 64 | 12 | 58 | 21 - 72 |
| Severe Chronic Heart Disease | 27 | 11 | 10 - 37 | 16 | 25 | 6 - 50 |
| Severe Trauma | 0 | - | - | 2 | 0 | 1 - 91 |
| Gastrointestinal Disease | 9 | 11 | 0 -100 | 9 | 0 | 0 -100 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 42 | 2 | 1 - 17 | 27 | 11 | 0 - 52 |
| Musculoskeletal/Skin Conditions | 14 | 0 | 0 -100 | 21 | 5 | 0 - 98 |
| Neuropsychiatric/Sensory Disease | 82 | 2 | 0 - 24 | 67 | 0 | 0 - 40 |
| Urologic Disease | 8 | 13 | 0 -100 | 9 | 0 | 0 - 97 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 180 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 235 |
| Percent of Physicians Who Are Board Certified Specialists: | 69 |
| Interns and Residents: | 18 |
| Registered Nurses: | 47 |
| Licensed Practical Nurses: | 17 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## NEEDLES - DESERT COMMUNITIES HOSP

1401 BAILEY AVE
NEEDLES, CA 92363

Medicare Hospital Provider Number: 050469

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 161 | 3 | 8 - 14 | 155 | 8 | 6 - 16 |
| Cancer | 1 | 0 | 1 -100 | 5 | 20 | 9 - 77 |
| Cerebrovascular Accidents | 4 | 0 | 2 - 72 | 9 | 22 | 7 - 62 |
| Gastrointestinal Catastrophes | 1 | 0 | 0 -100 | 1 | 100 | 2 - 97 |
| Infectious Disease | 2 | 0 | 1 - 90 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 3 | 0 | 0 - 93 | 3 | 0 | 1 - 83 |
| Pulmonary Disease | 21 | 10 | 10 - 41 | 6 | 33 | 2 - 75 |
| Renal Failure | 1 | 0 | 3 - 98 | 0 | - | - |
| Severe Acute Heart Disease | 3 | 33 | 3 - 86 | 5 | 20 | 5 - 74 |
| Severe Chronic Heart Disease | 11 | 0 | 7 - 39 | 10 | 0 | 4 - 41 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 12 | 0 | 0 - 95 | 17 | 0 | 0 - 81 |
| Gynecologic Disease | 0 | - | - | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 21 | 0 | 0 - 50 | 32 | 0 | 0 - 25 |
| Musculoskeletal/Skin Conditions | 7 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 -100 | 6 | 33 | 0 -100 |
| Urologic Disease | 5 | 20 | 0 - 87 | 3 | 0 | 0 - 96 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 39 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

# NEWHALL COMMUNITY HOSPITAL

24237 SAN FERNANDO RD
NEWHALL,, CA 91321

Medicare Hospital Provider Number: 050675

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 126 | 12 | 8 - 20 | 101 | 0 | 7 - 13 |
| Cancer | 2 | 50 | 4 - 92 | 1 | 0 | 0 - 98 |
| Cerebrovascular Accidents | 5 | 20 | 9 - 76 | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 0 | 0 -100 |
| Infectious Disease | 4 | 50 | 3 - 82 | 2 | 0 | 10 - 94 |
| Metabolic/Electrolyte Disorders | 5 | 20 | 2 - 77 | 6 | 0 | 3 - 59 |
| Pulmonary Disease | 7 | 43 | 6 - 71 | 3 | 0 | 2 - 79 |
| Renal Failure | 2 | 50 | 7 - 97 | 0 | - | - |
| Severe Acute Heart Disease | 2 | 50 | 2 - 92 | 2 | 0 | 5 - 89 |
| Severe Chronic Heart Disease | 9 | 22 | 5 - 61 | 4 | 0 | 3 - 70 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 9 | 0 | 0 - 89 | 6 | 0 | 0 - 89 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 16 | 0 | 0 - 41 | 29 | 0 | 0 - 20 |
| Musculoskeletal/Skin Conditions | 17 | 0 | 0 - 83 | 9 | 0 | 0 - 77 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 5 | 0 | 0 - 84 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

| | |
|---|---|
| Total Beds (#): | 9 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 5 |
| Licensed Practical Nurses: | 5 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## NORTH KERN HOSP

2101 7TH ST
WASCO, CA 93280

Medicare Hospital Provider Number: 050318

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 12 | 0 | 1 - 38 | 83 | 8 | 11 - 24 |
| Cancer | 1 | 0 | 0 - 98 | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 7 | 29 | 11 - 72 |
| Gastrointestinal Catastrophes | 0 | - | - | 2 | 0 | 0 - 95 |
| Infectious Disease | 0 | - | - | 3 | 33 | 6 - 87 |
| Metabolic/Electrolyte Disorders | 0 | - | - | 5 | 0 | 1 - 73 |
| Pulmonary Disease | 2 | 0 | 0 - 95 | 15 | 20 | 10 - 53 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 4 | 0 | 9 - 72 |
| Severe Chronic Heart Disease | 1 | 0 | 0 -100 | 5 | 20 | 4 - 73 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 1 | 0 | 0 -100 | 10 | 0 | 0 - 92 |
| Musculoskeletal/Skin Conditions | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 3 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 25 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 9 |
| Licensed Practical Nurses: | 6 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## NORTHBAY MEDICAL CENTER

1800 PENNSYLVANIA AVE
FAIRFIELD, CA 94533

Medicare Hospital Provider Number: 050367

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 876 | 17 | 10 - 16 | 1,031 | 14 | 10 - 16 |
| Cancer | 27 | 74 | 24 - 59 | 24 | 29 | 21 - 59 |
| Cerebrovascular Accidents | 38 | 26 | 17 - 46 | 46 | 30 | 15 - 43 |
| Gastrointestinal Catastrophes | 8 | 63 | 11 - 72 | 13 | 31 | 11 - 61 |
| Infectious Disease | 8 | 38 | 11 - 72 | 11 | 73 | 16 - 67 |
| Metabolic/Electrolyte Disorders | 22 | 18 | 5 - 44 | 22 | 32 | 9 - 51 |
| Pulmonary Disease | 42 | 40 | 10 - 41 | 56 | 32 | 14 - 41 |
| Renal Failure | 3 | 33 | 9 - 91 | 4 | 25 | 8 - 84 |
| Severe Acute Heart Disease | 46 | 48 | 26 - 56 | 52 | 46 | 27 - 55 |
| Severe Chronic Heart Disease | 44 | 32 | 11 - 39 | 56 | 13 | 12 - 32 |
| Severe Trauma | 2 | 50 | 2 - 92 | 1 | 0 | 2 - 97 |
| Gastrointestinal Disease | 51 | 6 | 0 - 35 | 53 | 2 | 0 - 18 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 14 | 0 | 0 -100 |
| Low-Risk Heart Disease | 92 | 8 | 1 - 17 | 120 | 4 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 76 | 3 | 0 - 17 | 97 | 5 | 0 - 18 |
| Neuropsychiatric/Sensory Disease | 22 | 0 | 0 - 45 | 23 | 13 | 0 - 86 |
| Urologic Disease | 33 | 0 | 0 - 18 | 25 | 4 | 0 - 73 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 111 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 96 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 114 |
| Licensed Practical Nurses: | 7 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

NorthBay™
MEDICAL CENTER

Hospital ID: 050367

RELEASE OF PUBLIC INFORMATION

October 20, 1988

CONTACT: Joanie Erickson
Public Relations
429-7979

After exhaustive review of the Health Care Financing Administration (HCFA) mortality data for NorthBay Medical Center, the hospital's Tumor Registry and Quality Assurance staffs believe they have found a major error in the data. The error is in the diagnostic category of cancer.

According to the HCFA information packet, the actual mortality rate represents the "percentage of each hospital's Medicare patients who died within 30 days of admission."

The Actual Mortality Rate for cancer is listed as 74 percent, based on 27 cases. According to records kept by the tumor registrar for the NorthBay Hospital Group, 136 Medicare cancer patients were admitted to NorthBay Medical Center in 1987. Of those 136 patients, 27 died, and 20 died within thirty days of admission. Based on these figures, we believe the actual cancer diagnostic category mortality rate should be listed as 15 percent.

The apparent error in the cancer mortality rate also affects the hospital's overall mortality rate. The hospital is within or below predicted mortality rates for all categories expect cancer, yet our overall rate is 17 percent (10 to 16 percent is expected).

By recomputing our overall mortality rate with the cancer mortality rate we believe to be correct (15 percent), NorthBay Medical Center is well within the predicted mortality range for all diagnoses.

Even though NorthBay Medical Center showed no significant deviation from the range of predicted mortality rates, we would like to issue a caution about using this data, or any mortality data, as a sole means of assessing the quality of a health care provider.

We believe that the skill of the practicing physicians, training and education of the nursing staff and other personnel, and the aggressiveness of a hospital's quality assurance program is a more accurate measurement of quality.

For more information on the HCFA Medicare mortality data, or NorthBay Medical Center quality assurance programs, please contact Joanie Erickson, director of public relations, at (707) 429-7788.

# NORTHERN INYO HOSPITAL

150 PIONEER LANE
BISHOP, CA 93514

Medicare Hospital Provider Number: 050015

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 497 | 11 | 8 - 15 | 462 | 12 | 9 - 16 |
| Cancer | 18 | 67 | 27 - 71 | 16 | 50 | 21 - 68 |
| Cerebrovascular Accidents | 17 | 24 | 16 - 56 | 20 | 40 | 13 - 54 |
| Gastrointestinal Catastrophes | 2 | 0 | 5 - 89 | 6 | 50 | 7 - 75 |
| Infectious Disease | 4 | 50 | 3 - 82 | 1 | 100 | 1 - 97 |
| Metabolic/Electrolyte Disorders | 12 | 0 | 7 - 42 | 10 | 30 | 7 - 63 |
| Pulmonary Disease | 29 | 10 | 10 - 37 | 32 | 13 | 17 - 43 |
| Renal Failure | 1 | 0 | 1 - 97 | 0 | - | - |
| Severe Acute Heart Disease | 18 | 39 | 19 - 63 | 18 | 39 | 17 - 61 |
| Severe Chronic Heart Disease | 21 | 19 | 10 - 45 | 12 | 33 | 5 - 58 |
| Severe Trauma | 1 | 0 | 0 - 99 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 46 | 4 | 1 - 21 | 36 | 3 | 0 - 40 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 30 | 0 | 0 - 20 | 37 | 8 | 0 - 32 |
| Musculoskeletal/Skin Conditions | 68 | 1 | 1 - 12 | 40 | 0 | 0 - 28 |
| Neuropsychiatric/Sensory Disease | 23 | 4 | 0 - 93 | 21 | 5 | 0 - 98 |
| Urologic Disease | 39 | 0 | 0 - 58 | 23 | 4 | 0 - 92 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 59 |
| Occupancy Rate (%): | 41 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 37 |
| Percent of Physicians Who Are Board Certified Specialists: | 81 |
| Interns and Residents: | 0 |
| Registered Nurses: | 46 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## NORTHRIDGE HOSPITAL FOUNDATION

18300 ROSCOE BLVD
NORTHRIDGE, CA 91325

Medicare Hospital Provider Number: 050116

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,630 | 10 | 9 - 14 | 1,539 | 12 | 10 - 14 |
| Cancer | 66 | 38 | 25 - 52 | 60 | 38 | 27 - 55 |
| Cerebrovascular Accidents | 69 | 17 | 17 - 37 | 65 | 25 | 18 - 40 |
| Gastrointestinal Catastrophes | 7 | 0 | 18 - 64 | 15 | 13 | 18 - 58 |
| Infectious Disease | 13 | 62 | 14 - 65 | 11 | 45 | 19 - 74 |
| Metabolic/Electrolyte Disorders | 23 | 22 | 5 - 45 | 32 | 22 | 9 - 43 |
| Pulmonary Disease | 54 | 28 | 17 - 42 | 61 | 25 | 14 - 39 |
| Renal Failure | 4 | 0 | 3 - 75 | 1 | 0 | 0 - 99 |
| Severe Acute Heart Disease | 66 | 26 | 26 - 49 | 61 | 33 | 24 - 49 |
| Severe Chronic Heart Disease | 97 | 19 | 14 - 31 | 92 | 26 | 16 - 36 |
| Severe Trauma | 8 | 25 | 3 - 66 | 1 | 0 | 1 - 97 |
| Gastrointestinal Disease | 86 | 2 | 1 - 11 | 80 | 4 | 0 - 15 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 244 | 2 | 2 - 6 | 210 | 5 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 169 | 2 | 1 - 8 | 160 | 2 | 0 - 7 |
| Neuropsychiatric/Sensory Disease | 43 | 0 | 0 - 22 | 34 | 3 | 0 - 53 |
| Urologic Disease | 56 | 0 | 0 - 17 | 45 | 0 | 0 - 28 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 345 |
| Occupancy Rate (%): | 85 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 293 |
| Percent of Physicians Who Are Board Certified Specialists: | 81 |
| Interns and Residents: | 18 |
| Registered Nurses: | 369 |
| Licensed Practical Nurses: | 40 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Northridge Hospital Medical Center**
18300 Roscoe Boulevard
Northridge, California 91328
(818) 885-8500

Hospital ID: 050116

October 12, 1988

Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert,

We would appreciate the correction of the data listed under Hospital Characteristics as follows:

Beds (#) 349

Staffing:

| | |
|---|---|
| Total Number of Physicians | 740 |
| Percent Board Certified | 83% |
| Interns and Residents Per Bed | 0.05 |
| Registered Nurses Per Bed | 1.25 |
| Licensed Practical Nurses Per Bed | 0.13 |

Speciality Services:

| | |
|---|---|
| Coronary Care Unit: | Yes |
| Organ Transplant Service: | No |

We appreciate the opportunity to review and comment on this data.

Sincerely,

Jeffrey Flocken
Administrator

JF/lsd

## NORWALK COMM HOSP

13222 BLOOMFIELD AVE
NORWALK, CA 90650

Medicare Hospital Provider Number: 050489

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 310 | 20 | 9 - 18 | 301 | 16 | 9 - 18 |
| Cancer | 2 | 50 | 3 - 92 | 5 | 0 | 15 - 71 |
| Cerebrovascular Accidents | 11 | 73 | 10 - 61 | 15 | 60 | 16 - 63 |
| Gastrointestinal Catastrophes | 4 | 50 | 5 - 82 | 6 | 0 | 11 - 62 |
| Infectious Disease | 0 | - | - | 4 | 75 | 12 - 85 |
| Metabolic/Electrolyte Disorders | 7 | 14 | 5 - 64 | 8 | 13 | 3 - 61 |
| Pulmonary Disease | 36 | 36 | 15 - 47 | 26 | 35 | 15 - 52 |
| Renal Failure | 1 | 100 | 3 - 99 | 3 | 67 | 10 - 93 |
| Severe Acute Heart Disease | 7 | 71 | 15 - 76 | 8 | 88 | 16 - 67 |
| Severe Chronic Heart Disease | 22 | 45 | 10 - 51 | 12 | 25 | 10 - 59 |
| Severe Trauma | 2 | 50 | 2 - 92 | 0 | - | - |
| Gastrointestinal Disease | 14 | 0 | 0 - 77 | 19 | 11 | 0 - 98 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 46 | 7 | 0 - 33 | 43 | 0 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 28 | 4 | 0 - 54 | 25 | 0 | 0 - 78 |
| Neuropsychiatric/Sensory Disease | 14 | 0 | 0 - 61 | 12 | 0 | 0 - 76 |
| Urologic Disease | 8 | 0 | 0 - 99 | 20 | 5 | 0 - 62 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

Total Beds (#): 50
Ownership/Control: Private, For Profit

STAFFING

Interns and Residents: 0
Registered Nurses: 16
Licensed Practical Nurses: 12

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## NOVATO COMMUNITY HOSP

1625 HILL RD
NOVATO, CA 94947

Medicare Hospital Provider Number: 050131

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 443 | 16 | 11 - 19 | 476 | 15 | 11 - 19 |
| Cancer | 14 | 36 | 17 - 65 | 18 | 28 | 23 - 65 |
| Cerebrovascular Accidents | 31 | 42 | 13 - 48 | 27 | 30 | 15 - 49 |
| Gastrointestinal Catastrophes | 1 | 0 | 1 - 97 | 8 | 13 | 9 - 62 |
| Infectious Disease | 14 | 36 | 17 - 66 | 12 | 42 | 13 - 66 |
| Metabolic/Electrolyte Disorders | 9 | 44 | 6 - 67 | 8 | 13 | 3 - 61 |
| Pulmonary Disease | 25 | 36 | 11 - 50 | 32 | 28 | 10 - 43 |
| Renal Failure | 3 | 33 | 6 - 88 | 2 | 0 | 8 - 93 |
| Severe Acute Heart Disease | 23 | 48 | 20 - 60 | 17 | 71 | 21 - 63 |
| Severe Chronic Heart Disease | 35 | 11 | 15 - 39 | 34 | 24 | 16 - 45 |
| Severe Trauma | 0 | - | - | 6 | 33 | 5 - 74 |
| Gastrointestinal Disease | 20 | 10 | 0 - 55 | 20 | 10 | 0 - 72 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 3 | 33 | 0 -100 |
| Low-Risk Heart Disease | 51 | 0 | 1 - 10 | 56 | 2 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 34 | 3 | 0 - 39 | 35 | 0 | 0 - 18 |
| Neuropsychiatric/Sensory Disease | 8 | 13 | 0 -100 | 16 | 6 | 0 - 76 |
| Urologic Disease | 13 | 0 | 0 -100 | 14 | 0 | 0 - 91 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 52 |
| Occupancy Rate (%): | 40 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# NU-MED REGIONAL MEDICAL CTR

22141 ROSCOE BLVD
CANOGA PARK, CA 91304

Medicare Hospital Provider Number: 050263

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 923 | 17 | 13 - 19 | 698 | 15 | 12 - 19 |
| Cancer | 38 | 68 | 34 - 66 | 22 | 55 | 25 - 67 |
| Cerebrovascular Accidents | 40 | 30 | 16 - 45 | 27 | 26 | 12 - 46 |
| Gastrointestinal Catastrophes | 5 | 60 | 11 - 82 | 12 | 42 | 18 - 71 |
| Infectious Disease | 13 | 54 | 16 - 67 | 14 | 29 | 13 - 61 |
| Metabolic/Electrolyte Disorders | 27 | 22 | 7 - 44 | 14 | 21 | 13 - 59 |
| Pulmonary Disease | 90 | 37 | 21 - 43 | 57 | 33 | 18 - 44 |
| Renal Failure | 7 | 57 | 12 - 81 | 2 | 0 | 10 - 95 |
| Severe Acute Heart Disease | 36 | 39 | 29 - 61 | 33 | 45 | 28 - 62 |
| Severe Chronic Heart Disease | 63 | 13 | 17 - 35 | 42 | 29 | 13 - 41 |
| Severe Trauma | 0 | - | - | 5 | 20 | 11 - 79 |
| Gastrointestinal Disease | 47 | 6 | 1 - 21 | 37 | 5 | 1 - 25 |
| Gynecologic Disease | 9 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 90 | 4 | 1 - 13 | 94 | 4 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 54 | 2 | 0 - 18 | 40 | 2 | 0 - 23 |
| Neuropsychiatric/Sensory Disease | 17 | 6 | 0 - 46 | 16 | 6 | 0 -100 |
| Urologic Disease | 51 | 2 | 0 - 39 | 27 | 0 | 0 - 80 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 139 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 68 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## O'CONNOR HOSPITAL

2105 FOREST AVE
SAN JOSE, CA 95128

Medicare Hospital Provider Number: 050153

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,006 | 11 | 10 - 14 | 2,924 | 12 | 10 - 14 |
| Cancer | 108 | 41 | 27 - 49 | 116 | 38 | 29 - 52 |
| Cerebrovascular Accidents | 150 | 17 | 20 - 34 | 103 | 21 | 18 - 36 |
| Gastrointestinal Catastrophes | 30 | 17 | 21 - 54 | 22 | 32 | 21 - 62 |
| Infectious Disease | 28 | 36 | 20 - 57 | 31 | 13 | 23 - 53 |
| Metabolic/Electrolyte Disorders | 47 | 23 | 15 - 45 | 57 | 19 | 12 - 39 |
| Pulmonary Disease | 160 | 28 | 17 - 34 | 148 | 21 | 17 - 34 |
| Renal Failure | 21 | 33 | 19 - 72 | 17 | 41 | 17 - 74 |
| Severe Acute Heart Disease | 120 | 32 | 29 - 48 | 116 | 43 | 29 - 50 |
| Severe Chronic Heart Disease | 136 | 17 | 16 - 31 | 116 | 24 | 17 - 34 |
| Severe Trauma | 2 | 0 | 1 - 92 | 6 | 33 | 4 - 74 |
| Gastrointestinal Disease | 202 | 2 | 1 - 7 | 179 | 2 | 1 - 7 |
| Gynecologic Disease | 34 | 3 | 0 -100 | 31 | 3 | 0 -100 |
| Low-Risk Heart Disease | 473 | 3 | 2 - 5 | 468 | 2 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 239 | 2 | 1 - 6 | 280 | 3 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 83 | 4 | 0 - 16 | 100 | 3 | 0 - 13 |
| Urologic Disease | 100 | 0 | 0 - 7 | 101 | 2 | 0 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 291 |
| Occupancy Rate (%): | 67 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 419 |
| Percent of Physicians Who Are Board Certified Specialists: | 48 |
| Interns and Residents: | 0 |
| Registered Nurses: | 253 |
| Licensed Practical Nurses: | 34 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | Yes |

O'CONNOR HOSPITAL

October 18, 1988

Provider Number: 05-0153

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for giving us the opportunity to review and comment on the mortality data for Medicare patients admitted to O'Connor Hospital in 1987.

To clarify an error in our Hospital Characteristics, please note the following:

Number of beds - 395

Hospice care - Yes

Organ Transplant Service - We do not perform transplant surgery but are part of the donation program.

The mortality rate for O'Connor Hospital in each of the seventeen diagnostic catagories is well within the range of predicted mortality rates for both calendar years 1986 and 1987.

Thank you again for providing us with an opportunity to comment.

Sincerely,

Arnie Simoni
Vice President

cc: Ken Graham

2105 Forest Avenue
San Jose, California 95128
(408) 947-2500

Sponsored and Operated by
the Daughters of Charity
of St. Vincent de Paul

## OAK VALLEY DISTRICT HOSP

350 SOUTH OAK ST
OAKDALE, CA 95361

Medicare Hospital Provider Number: 050067

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 510 | 15 | 8 - 15 | 470 | 12 | 8 - 15 |
| Cancer | 7 | 14 | 13 - 69 | 6 | 67 | 8 - 75 |
| Cerebrovascular Accidents | 23 | 35 | 9 - 48 | 14 | 36 | 9 - 57 |
| Gastrointestinal Catastrophes | 2 | 50 | 2 - 92 | 5 | 60 | 10 - 81 |
| Infectious Disease | 4 | 25 | 7 - 81 | 7 | 43 | 9 - 73 |
| Metabolic/Electrolyte Disorders | 7 | 57 | 8 - 73 | 8 | 13 | 10 - 63 |
| Pulmonary Disease | 41 | 41 | 11 - 43 | 36 | 31 | 11 - 43 |
| Renal Failure | 1 | 100 | 2 - 97 | 2 | 50 | 4 - 93 |
| Severe Acute Heart Disease | 19 | 63 | 21 - 63 | 19 | 42 | 17 - 60 |
| Severe Chronic Heart Disease | 23 | 17 | 7 - 41 | 21 | 29 | 13 - 51 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 41 | 5 | 0 - 33 | 50 | 2 | 0 - 17 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 62 | 2 | 1 - 12 | 54 | 0 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 34 | 0 | 0 - 32 | 31 | 0 | 0 - 44 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 11 | 0 | 0 - 76 |
| Urologic Disease | 35 | 6 | 0 - 97 | 31 | 0 | 0 - 41 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 138 |
| Occupancy Rate (%): | 24 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 97 |
| Percent of Physicians Who Are Board Certified Specialists: | 71 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## OAKLAND HOSP

2648 E 14TH ST
OAKLAND, CA 94601

Medicare Hospital Provider Number: 050202

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 555 | 19 | 12 - 19 | 505 | 16 | 11 - 18 |
| Cancer | 15 | 47 | 15 - 63 | 5 | 60 | 9 - 80 |
| Cerebrovascular Accidents | 32 | 28 | 13 - 45 | 20 | 45 | 11 - 54 |
| Gastrointestinal Catastrophes | 5 | 40 | 5 - 78 | 6 | 50 | 4 - 75 |
| Infectious Disease | 9 | 33 | 11 - 68 | 9 | 22 | 13 - 67 |
| Metabolic/Electrolyte Disorders | 16 | 19 | 6 - 50 | 20 | 20 | 13 - 52 |
| Pulmonary Disease | 66 | 35 | 16 - 41 | 62 | 27 | 17 - 41 |
| Renal Failure | 1 | 0 | 0 - 98 | 3 | 33 | 0 - 92 |
| Severe Acute Heart Disease | 32 | 47 | 25 - 60 | 23 | 35 | 23 - 62 |
| Severe Chronic Heart Disease | 42 | 29 | 13 - 41 | 26 | 12 | 10 - 38 |
| Severe Trauma | 1 | 0 | 2 - 98 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 20 | 5 | 0 - 66 | 26 | 4 | 0 - 59 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 51 | 0 | 2 - 10 | 43 | 5 | 0 - 28 |
| Musculoskeletal/Skin Conditions | 39 | 8 | 0 - 54 | 44 | 2 | 0 - 24 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 -100 | 7 | 0 | 0 - 96 |
| Urologic Disease | 13 | 0 | 0 -100 | 20 | 0 | 0 - 91 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1983

| | |
|---|---|
| Total Beds (#): | 90 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 57 |
| Licensed Practical Nurses: | 18 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## OCEANVIEW RECOVERY CENTER

1100 FIFTH STREET
OCEANSIDE, CA 92054

Medicare Hospital Provider Number: 050128

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,983 | 11 | 10 - 14 | 3,716 | 11 | 11 - 15 |
| Cancer | 156 | 36 | 28 - 49 | 160 | 46 | 30 - 51 |
| Cerebrovascular Accidents | 168 | 26 | 21 - 37 | 170 | 25 | 21 - 37 |
| Gastrointestinal Catastrophes | 32 | 34 | 20 - 57 | 47 | 15 | 20 - 47 |
| Infectious Disease | 21 | 29 | 18 - 58 | 25 | 16 | 21 - 55 |
| Metabolic/Electrolyte Disorders | 59 | 32 | 14 - 44 | 52 | 17 | 12 - 39 |
| Pulmonary Disease | 166 | 27 | 18 - 35 | 172 | 24 | 19 - 35 |
| Renal Failure | 10 | 10 | 17 - 72 | 6 | 17 | 10 - 77 |
| Severe Acute Heart Disease | 152 | 38 | 29 - 48 | 146 | 40 | 31 - 50 |
| Severe Chronic Heart Disease | 175 | 23 | 17 - 31 | 180 | 17 | 17 - 30 |
| Severe Trauma | 3 | 33 | 2 - 87 | 9 | 33 | 9 - 68 |
| Gastrointestinal Disease | 271 | 4 | 2 - 8 | 278 | 4 | 2 - 7 |
| Gynecologic Disease | 58 | 0 | 0 - 77 | 44 | 0 | 0 - 80 |
| Low-Risk Heart Disease | 433 | 3 | 2 - 6 | 433 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 394 | 3 | 2 - 6 | 355 | 2 | 2 - 6 |
| Neuropsychiatric/Sensory Disease | 103 | 4 | 1 - 12 | 102 | 1 | 1 - 8 |
| Urologic Disease | 159 | 4 | 0 - 12 | 145 | 2 | 1 - 8 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

| | |
|---|---|
| Total Beds (#): | 438 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 462 |
| Licensed Practical Nurses: | 48 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Tri-City Medical Center
4002 Vista Way, Oceanside, California 92056, (619) 724-8411

*Richard A. Hachten II*
*Chief Executive Officer*

October 20, 1988

| | | |
|---|---|---|
| Medicare Provider #: | Acute Inpatient: | 050128 |
| | Rehabilitation: | 05T128 |
| | Mental Health | 05S128 |

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: 1987 Medicare Hospital Mortality Information

The opportunity to respond to the 1987 Health Care Financing Administration (HCFA) mortality analysis is appreciated. Please note the correction of provider title and address to: Tri-City Medical Center, 4002 Vista Way, Oceanside, CA 92056. The data was incorrectly submitted under the facility title: Oceanview Recovery Center.

In all categories specified by HCFA to evaluate mortality rates, Tri-City Medical Center is within the predicted ranges. However, the broad ranges in the "predicted" outline helps support the claim that the data, and the manner in which the data is collected for this type of analysis, still falls short of scientifically based medical information. Therefore, the following comments are offered to assist in the use of the HCFA mortality statistics.

1. The lack of adequate severity indices allocated to individual patients as well as patients in specific categories is still an undermining weakness that underscores the vulnerability of the data interpretation.

2. Thousands of possible diagnoses and procedures representing complications and preexisting conditions are not reflected in the study population. In fact, only four out of eight significant co-morbid conditions are utilized.

3. Patients' individual selection of a treatment plan, including the choice of refusing aggressive treatment or not complying with treatment regimens are not considered in the analysis.

4. Including patients in the study population who died outside the hospital setting severely complicates the data interpretation and verification.

5. Percentage rates as reported are very misleading due to their case volume dependency and statistical variability. For example, if only two cases were reported in a given category and one patient died that would represent a 50 percent mortality rate.

Clearly the factors of simple chance, differences in the kinds of patients treated including severity factors, compliance variances, and differences in treatment selection and treatment provided have not been defined in the patient population. Tri-City Medical Center believes the public deserves information about the level of quality in an institution and we would like to be in concert with any efforts to provide this kind of information in the most useful and meaningful manner.

Tri-City Medical Center has contributed substantial resources to an ongoing Quality Assurance Program that ensures the review of all patients that have died in the hospital. This review will continue to be an essential element of the peer review process including a system of checks and balances to assure that Medical Staff specialties review cases comprehensively and thoroughly. This process provides for intense surveillance of deaths occurring in the facility.

Any individuals wishing additional information about the Tri-City Medical Center mortality data are encouraged to contact Richard A. Hachten, II, Chief Executive Officer, telephone number (619) 940-3348, Tri-City Medical Center, 4002 Vista Way, Oceanside, California, 92056.

Sincerely,

Richard A. Hachten, II
Chief Executive Officer

RAH/bn

## OJAI VALLEY COMMUNITY HOSP

1306 MARICOPA HWY
OJAI, CA 93023

Medicare Hospital Provider Number: 050046

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 453 | 17 | 10 - 18 | 486 | 16 | 10 - 17 |
| Cancer | 13 | 77 | 26 - 72 | 12 | 58 | 16 - 68 |
| Cerebrovascular Accidents | 17 | 41 | 15 - 60 | 27 | 41 | 14 - 50 |
| Gastrointestinal Catastrophes | 5 | 60 | 11 - 82 | 3 | 33 | 3 - 86 |
| Infectious Disease | 5 | 20 | 9 - 77 | 4 | 75 | 8 - 82 |
| Metabolic/Electrolyte Disorders | 12 | 8 | 7 - 50 | 11 | 36 | 4 - 62 |
| Pulmonary Disease | 47 | 28 | 13 - 40 | 46 | 22 | 11 - 37 |
| Renal Failure | 3 | 33 | 5 - 88 | 1 | 100 | 2 - 97 |
| Severe Acute Heart Disease | 20 | 60 | 21 - 63 | 21 | 52 | 23 - 64 |
| Severe Chronic Heart Disease | 23 | 17 | 8 - 42 | 31 | 19 | 10 - 40 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 33 | 12 | 0 - 52 | 34 | 6 | 0 - 35 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 52 | 10 | 0 - 32 | 52 | 0 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 32 | 6 | 0 - 74 | 38 | 0 | 0 - 20 |
| Neuropsychiatric/Sensory Disease | 9 | 11 | 0 - 98 | 7 | 0 | 0 - 98 |
| Urologic Disease | 17 | 0 | 0 - 95 | 8 | 13 | 0 - 97 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 116 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 27 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 0 |
| Registered Nurses: | 51 |
| Licensed Practical Nurses: | 3 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ONTARIO COMM HOSP

550 N MONTEREY AVE
ONTARIO, CA 91764

Medicare Hospital Provider Number: 050041

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 398 | 18 | 10 - 18 | 480 | 20 | 10 - 18 |
| Cancer | 6 | 67 | 14 - 80 | 6 | 17 | 9 - 71 |
| Cerebrovascular Accidents | 11 | 36 | 8 - 62 | 16 | 63 | 9 - 55 |
| Gastrointestinal Catastrophes | 3 | 33 | 3 - 86 | 5 | 40 | 6 - 78 |
| Infectious Disease | 6 | 33 | 9 - 76 | 21 | 52 | 15 - 58 |
| Metabolic/Electrolyte Disorders | 21 | 19 | 9 - 48 | 12 | 33 | 9 - 62 |
| Pulmonary Disease | 27 | 37 | 13 - 50 | 42 | 24 | 15 - 43 |
| Renal Failure | 3 | 33 | 5 - 88 | 6 | 33 | 15 - 86 |
| Severe Acute Heart Disease | 19 | 58 | 19 - 61 | 22 | 64 | 19 - 58 |
| Severe Chronic Heart Disease | 27 | 11 | 12 - 39 | 32 | 38 | 9 - 43 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 17 | 12 | 0 - 75 | 20 | 15 | 0 - 83 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 66 | 5 | 1 - 17 | 82 | 1 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 33 | 6 | 0 - 36 | 30 | 3 | 0 - 76 |
| Neuropsychiatric/Sensory Disease | 5 | 20 | 0 -100 | 6 | 17 | 0 -100 |
| Urologic Disease | 13 | 0 | 0 -100 | 16 | 0 | 0 - 62 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 99 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

*Doctors' Hospital of Montclair*
5000 San Bernardino Street
Montclair, California 91763
(714) 625-5411

*Ontario Community Hospital*
550 North Monterey Avenue
Ontario, California 91764
(714) 984-2201

Ontario Community Hospital

**VIA EXPRESS MAIL** **REFERENCE NUMBER: 050041**

October 21, 1988

William L. Roper, M.D.
Administrator
Health Standards and Quality Bureau
Meadows East Building, Two B-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mr. Roper:

Thank you for the opportunity to respond to the release of data on hospital mortality rates for 1987. Since receiving the report, our medical staff has reviewed the mortality statistical data and all medical records reflected in this report.

Our Medical Records Department has decided that, with some exceptions, the data is accurate. The following summarizes our findings:

1. Over 67% of all deaths were patients over 75 years of age.

2. A total of 20% of the mortalities occurred after discharge. With 14 deaths post discharge, our mortality rate would be 15%, excluding these deaths.

3. Ontario Community Hospital has transfer agreements with most of the skilled nursing facilities in our market area. With the large number of patients eminating from these facilities, 33% of our mortalities were from patients coming from SNF's.

4. Over 67% of the patients who expired in the hospital had "no code" orders.

It is also noted that as part of our Quality Assurance Program, every mortality in our facility is reviewed for quality and appropriateness of care by the affected Medical Staff Departments on an ongoing basis. We believe that our monitoring system provides us with a continuous feedback mechanism in an effort to continue to meet and exceed quality care standards.

Sincerely,

Dale Surowitz

Mr. Dale Surowitz
Administrator

*Subsidiaries of National Medical Enterprises, Inc.*

## OROVILLE HOSP

2767 OLIVE HWY
OROVILLE, CA 95965

Medicare Hospital Provider Number: 050030

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,144 | 15 | 10 - 15 | 1,102 | 12 | 10 - 15 |
| Cancer | 41 | 61 | 29 - 61 | 43 | 44 | 26 - 57 |
| Cerebrovascular Accidents | 45 | 18 | 13 - 37 | 48 | 19 | 15 - 39 |
| Gastrointestinal Catastrophes | 9 | 56 | 10 - 70 | 17 | 35 | 14 - 61 |
| Infectious Disease | 11 | 45 | 11 - 66 | 11 | 18 | 10 - 59 |
| Metabolic/Electrolyte Disorders | 23 | 26 | 10 - 50 | 14 | 14 | 7 - 51 |
| Pulmonary Disease | 83 | 24 | 17 - 38 | 78 | 23 | 14 - 36 |
| Renal Failure | 4 | 75 | 5 - 83 | 0 | - | - |
| Severe Acute Heart Disease | 44 | 57 | 25 - 56 | 44 | 50 | 30 - 61 |
| Severe Chronic Heart Disease | 39 | 31 | 10 - 40 | 36 | 25 | 10 - 39 |
| Severe Trauma | 0 | - | - | 1 | 100 | 2 - 97 |
| Gastrointestinal Disease | 94 | 12 | 1 - 18 | 63 | 2 | 0 - 13 |
| Gynecologic Disease | 16 | 0 | 0 -100 | 28 | 0 | 0 -100 |
| Low-Risk Heart Disease | 126 | 6 | 1 - 12 | 141 | 4 | 2 - 9 |
| Musculoskeletal/Skin Conditions | 104 | 4 | 0 - 17 | 86 | 2 | 1 - 11 |
| Neuropsychiatric/Sensory Disease | 15 | 7 | 0 - 96 | 22 | 0 | 0 - 35 |
| Urologic Disease | 55 | 0 | 0 - 15 | 58 | 0 | 0 - 14 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 99 |
| Occupancy Rate (%): | 75 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 54 |
| Percent of Physicians Who Are Board Certified Specialists: | 81 |
| Interns and Residents: | 0 |
| Registered Nurses: | 109 |
| Licensed Practical Nurses: | 36 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

OROHEALTH
OROVILLE
HOSPITAL

October 18,1988

Dear Interested Parties:

Oroville Hospital is pleased to have this opportunity to respond to the Health Care Financing Administration release of 1987 hospital specific Medicare Mortality data. Review of the data indicates that Oroville Hospital's actual Medicare mortality rate is well within the range predicted for Oroville Hospital for all diagnostic categories.

Oroville Hospital was at that time a 99 bed acute care, full service hospital offering care in specialty areas of oncology, major orthopedic services, intensive care services, as well as general medicine and surgery. Oroville Hospital also provides Advanced Life Support and Emergency Trauma Care for the area. Oroville Hospital's Emergency services are the highest utilized in Butte County. In addition, Oroville Hospital is the sole general acute-care hospital, serving the Hospice of Oroville, and most of the terminally ill patients are admitted to the hospital as the time of death becomes imminent.

Oroville Hospital conducts a thorough review of medical management and the overall care of every patient. Mortality review is an on-going process of the quality assurance program and peer review activities are an integral part of the monitoring of health care delivery system at this hospital. The Joint Commission on Accreditation of Hospitals has bestowed on this facility its highest commendations in the form of continued accreditation status.

Each patient death is a unique loss and a matter of great concern to the patient's family, friends and acquaintances, in addition to the patient's physicians, nurses, therapists and other professionals who provide care for the ill and the injured. Obviously, each death is also a very emotional event for everyone involved.

Again, thank you for the opportunity to append this statement to the release of mortality data for Oroville Hospital 1987.

Miki R. Joy, M.D.,
Chief of Staff

Robert J. Wentz
Administrator

## ORTHOPAEDIC HOSP

2400 S FLOWER ST
LOS ANGELES, CA 90007

Medicare Hospital Provider Number: 050256

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 259 | 2 | 2 - 7 | 305 | 1 | 2 - 6 |
| Cancer | 1 | 0 | 0 - 99 | 2 | 50 | 3 - 92 |
| Cerebrovascular Accidents | 1 | 100 | 1 - 97 | 1 | 0 | 0 - 99 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 1 | 0 | 0 -100 | 3 | 0 | 1 - 84 |
| Pulmonary Disease | 0 | - | - | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 6 | 33 | 8 - 74 | 2 | 0 | 7 - 91 |
| Severe Chronic Heart Disease | 3 | 0 | 1 - 84 | 2 | 50 | 4 - 93 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 11 | 0 | 0 - 95 | 8 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 140 | 0 | 0 - 5 | 185 | 1 | 0 - 6 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 105 |
| Occupancy Rate (%): | 51 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Orthopædic**Hospital

*Jeffrey S. Kirschner, FACHE*
*President and Chief Executive Officer*

*2400 South Flower Street*
*Los Angeles, California 90007-2697*
*Telephone: 213-742-1101*

*Official Hospital*
*for the*
*1984 Olympic Games*

October 11, 1988

Dear Friends of Orthopaedic Hospital:

Thank you for the opportunity to respond to the release of data on the 1987 hospital mortality rates.

The mortality review is an ongoing process of the medical staff and an integral part of the monitoring of the health care delivery systems at Orthopaedic Hospital.

For the past twenty five (25) years Orthopaedic Hospital has supported a comprehensive Hemophilia Treatment Center. Unfortunately many of our long term patients have been exposed to the AIDS virus through infusion of blood products used to treat their bleeding disorder. The majority of patients listed in this mortality data expired due to complications of AIDS.

Patient with ICD9 code 73016 and [redacted] was discharged from Orthopaedic Hospital almost 10 weeks prior to expiring on 7/1/87. This patient exceeded the 30 day window for inclusion in this data, and we are requesting exclusion of this patient from Orthopaedic Hospital mortality data. Orthopaedic Hospital has no information regarding patient with [redacted] therefore we are also requesting exclusion of this patient from Orthopaedic Hospital data. The adjusted number of deaths is 7 out of 259 admissions representing a mortality rate of less than 2% or under the lower parameters of the predicted range.

The following summarizes our findings on each of the patient deaths by ICD9 code.

ICD9 code: 0449 - Diagnosis - Hemophilia A, AIDS -age 41
ICD9 code: 4590 - Diagnosis - Hemophilia A, AIDS -age 31
ICD9 code: 0449 - Diagnosis - Hemophilia A, AIDS -age 41
ICD9 code: 0421 - Diagnosis - Hemophilia A, AIDS -age 61

The four patients listed above had received treatment at Orthopaedic Hospital for several years and experienced multiple admissions for treatment of AIDS.

These patients represent more that 50% of Orthopaedic Hospital patients identified in this mortality data.

ICD9 code: 9966 - Diagnosis - Infected (R)TKR - age 86

This patient was hospitalized for one (1) month, receiving treatment for an infection in the knee following a joint replacement revision six years ago.

Patient expired from cardiopulmonary failure, renal failure, and bone marrow failure

ICD9 code: 4109 - Diagnosis - Acute MI, Pulmonary Embolis,and Cardiogenic shock - age 67

Patient admitted through the Emergency Department, experinced a cardiac arrest while in the emergency room. Following admission to the ICU suffered two (2) more cardiac arrests and expired within four (4) hours of admission.

ICD9 code: 4349 - Diagnosis - Metastatic Adenocarcinoma primary unknown, Rt posterior Occipital Infarction

Patient admitted with a history dizziness and hypotension. Cancer was diagnosed and patient suffered a cerebral infarction while hospitalized, both patient and family refused surgical intervention for carcinoma.

Sincerely,

Jeffrey S. Kirschner

## PACIFIC COAST HOSP

1835 ELLIS STREET
SAN FRANCISCO, CA 94115

Medicare Hospital Provider Number: 050293

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 57 | 0 | 0 - 15 | 115 | 2 | 0 - 20 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 0 | - | - | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 0 | - | - |
| Musculoskeletal/Skin Conditions | 43 | 0 | 0 - 76 | 102 | 1 | 0 - 21 |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 28 |
| Occupancy Rate (%): | 14 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 93 |
| Percent of Physicians Who Are Board Certified Specialists: | 54 |
| Interns and Residents: | 10 |
| Registered Nurses: | 17 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## PACIFIC PRESBYTERIAN HOSP

2333 BUCHANAN STREET
SAN FRANCISCO, CA 94115

Medicare Hospital Provider Number: 050047

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,235 | 8 | 8 - 12 | 2,370 | 9 | 8 - 13 |
| Cancer | 65 | 31 | 25 - 51 | 68 | 43 | 27 - 54 |
| Cerebrovascular Accidents | 64 | 28 | 17 - 41 | 70 | 30 | 17 - 40 |
| Gastrointestinal Catastrophes | 15 | 13 | 17 - 57 | 11 | 45 | 16 - 71 |
| Infectious Disease | 35 | 23 | 15 - 47 | 28 | 36 | 21 - 59 |
| Metabolic/Electrolyte Disorders | 18 | 11 | 8 - 45 | 26 | 19 | 9 - 45 |
| Pulmonary Disease | 84 | 25 | 16 - 37 | 91 | 18 | 19 - 38 |
| Renal Failure | 60 | 3 | 2 - 52 | 80 | 6 | 1 - 58 |
| Severe Acute Heart Disease | 63 | 35 | 29 - 54 | 62 | 29 | 28 - 52 |
| Severe Chronic Heart Disease | 88 | 18 | 13 - 31 | 104 | 17 | 17 - 33 |
| Severe Trauma | 6 | 0 | 5 - 59 | 4 | 25 | 3 - 80 |
| Gastrointestinal Disease | 93 | 2 | 1 - 10 | 87 | 6 | 1 - 15 |
| Gynecologic Disease | 8 | 0 | 0 -100 | 15 | 0 | 0 -100 |
| Low-Risk Heart Disease | 268 | 4 | 2 - 7 | 301 | 5 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 262 | 1 | 1 - 5 | 287 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 162 | 1 | 0 - 6 | 178 | 2 | 1 - 8 |
| Urologic Disease | 69 | 3 | 0 - 22 | 52 | 2 | 0 - 28 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 362 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 442 |
| Percent of Physicians Who Are Board Certified Specialists: | 73 |
| Interns and Residents: | 42 |
| Registered Nurses: | 392 |
| Licensed Practical Nurses: | 48 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## PACIFICA COMM HOSP

18792 DELAWARE ST
HUNTINGTON BEACH, CA 92648

Medicare Hospital Provider Number: 050564

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 657 | 18 | 10 - 17 | 799 | 16 | 10 - 16 |
| Cancer | 12 | 75 | 20 - 69 | 16 | 44 | 21 - 68 |
| Cerebrovascular Accidents | 23 | 26 | 12 - 48 | 30 | 27 | 16 - 49 |
| Gastrointestinal Catastrophes | 7 | 57 | 11 - 75 | 7 | 29 | 8 - 71 |
| Infectious Disease | 8 | 38 | 8 - 70 | 11 | 55 | 12 - 67 |
| Metabolic/Electrolyte Disorders | 11 | 27 | 6 - 60 | 16 | 19 | 6 - 50 |
| Pulmonary Disease | 57 | 40 | 18 - 45 | 62 | 29 | 14 - 39 |
| Renal Failure | 6 | 50 | 12 - 84 | 6 | 50 | 9 - 81 |
| Severe Acute Heart Disease | 27 | 52 | 24 - 61 | 32 | 59 | 27 - 61 |
| Severe Chronic Heart Disease | 29 | 28 | 16 - 49 | 42 | 33 | 18 - 47 |
| Severe Trauma | 1 | 0 | 0 - 97 | 0 | - | - |
| Gastrointestinal Disease | 40 | 2 | 1 - 20 | 41 | 0 | 0 - 17 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 74 | 3 | 1 - 12 | 88 | 1 | 2 - 9 |
| Musculoskeletal/Skin Conditions | 66 | 2 | 0 - 15 | 107 | 3 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 7 | 14 | 0 -100 | 15 | 0 | 0 - 98 |
| Urologic Disease | 27 | 0 | 0 - 45 | 32 | 6 | 0 - 91 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 109 |
| Occupancy Rate (%): | 48 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 62 |
| Percent of Physicians Who Are Board Certified Specialists: | 60 |
| Interns and Residents: | 0 |
| Registered Nurses: | 61 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Pacifica**
**Community**
**Hospital**

AME™

October 21, 1988

Health Care Financing Administration
Health Standards & Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Re: 1988 Health Care Finance Administration
Mortality Date Release

Dear Sirs:

We would like to take this opportunity to respond to Health Care Finance Administration's Mortality Date Release. Based on a comprehensive review of this data, we feel the following information will be of interest to HCFA and the public.

The overall patient census of Pacifica is comprised of 50 percent Medicare patients. This is largely due to the location of the facility. Within a one-mile radius of Pacifica, there are three extended care facilities, one large board and care, and three large retirement residences. We have determined that the average Medicare patient who is hospitalized at Pacifica is much older, has more than one major illness, and their general condition of health is fair to poor. This is reflected by an average age of 80 for the patients included in this data. The average age of Pacifica's patients has been shown to be four to six years higher than the state and southern region average age as shown in California Medical Review, Inc.'s, previous data releases. It is significant to note that 60 percent, or more, of these cases had requests for no extraordinary life sustaining measures by the patients or family.

The medical staff at Pacifica has carefully reviewed each mortality case represented in the data. They have determined that each patient received the very best care possible. It was noted that our overall mortality rate was within 1% of the predicted range, at 18 percent.

The data included all patients who died within 30 days of hospital admission. Thirty-five of these cases died outside the facility, or, rather, after discharge. of these cases, 30 patients were discharged to home or a skilled nursing facility in a terminal condition, at the request of the patients and/or their families. Five cases were discharged in stable condition but expired due to multiple health problems and advanced age.

In the cancer category, our actual mortality rate is 6 percent over the predicted range. It is noted that the average age of this group is 70 years.

There were 12 deaths in this category. Nine of these patients died within 30 days of admission. Five died within the facility, 2 died in extended care facilities and 2 died at home. In all cases the families had requested no heroics or life sustaining measures due to patient's advanced age and terminal condition.

The remaining categories were noted to be within the predicted range. Following careful review of each case, it was determined by the medical staff that all patients received good-quality care.

On an ongoing basis, the medical staff of pacifica Community Hospital will continue to evaluate and review all deaths, regardless of payor source, in the peer review setting, to maintain high standards of patient care. Pacifica will continue to evaluate and educate the medical staff in order to respond to the needs of patients and the community.

Sincerely yours,

Robert Lonardo

Robert Lonardo
Executive Director

RL/sp

# PACIFICA HOSP OF LONG BEACH

2776 PACIFIC AVE
LONG BEACH, CA 90806

Medicare Hospital Provider Number: 050277

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 920 | 15 | 10 - 16 | 1,103 | 14 | 10 - 16 |
| Cancer | 23 | 43 | 24 - 65 | 35 | 43 | 25 - 59 |
| Cerebrovascular Accidents | 35 | 20 | 16 - 44 | 25 | 24 | 13 - 47 |
| Gastrointestinal Catastrophes | 13 | 46 | 13 - 65 | 15 | 33 | 15 - 63 |
| Infectious Disease | 16 | 31 | 13 - 59 | 33 | 42 | 21 - 57 |
| Metabolic/Electrolyte Disorders | 9 | 11 | 6 - 57 | 13 | 23 | 5 - 55 |
| Pulmonary Disease | 88 | 35 | 16 - 38 | 89 | 31 | 15 - 37 |
| Renal Failure | 8 | 25 | 8 - 73 | 6 | 17 | 8 - 76 |
| Severe Acute Heart Disease | 29 | 52 | 26 - 62 | 21 | 52 | 25 - 66 |
| Severe Chronic Heart Disease | 44 | 23 | 11 - 37 | 57 | 33 | 16 - 41 |
| Severe Trauma | 3 | 0 | 5 - 80 | 0 | - | - |
| Gastrointestinal Disease | 29 | 10 | 0 - 59 | 48 | 2 | 2 - 15 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 85 | 1 | 2 - 9 | 122 | 7 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 90 | 4 | 0 - 15 | 117 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 73 | 4 | 0 - 19 | 75 | 1 | 0 - 12 |
| Urologic Disease | 34 | 3 | 0 - 94 | 56 | 2 | 0 - 30 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 208 |
| Occupancy Rate (%): | 40 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 90 |
| Percent of Physicians Who Are Board Certified Specialists: | 56 |
| Interns and Residents: | 5 |
| Registered Nurses: | 94 |
| Licensed Practical Nurses: | 26 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

PACIFIC HOSPITAL PHLB OF LONG BEACH

2776 PACIFIC AVENUE • LONG BEACH • CALIFORNIA 90806
(213) 595-1911

October 12, 1988

Medicare Provider 050277

Health Standards and Quality Bureau, HCFA
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, MD 21207

FACT SHEET FOR PACIFIC HOSPITAL OF LONG BEACH

The purpose of this document is to provide more detailed information regarding the Medicare Hospital Mortality Information (1987).

None of the reporting categories exceeded the range of predicted mortality rates. Our hospital staff and medical staff did review all death charts in the three categories in which we approached the upper range. As part of our quality assurance program we automatically review the charts of all patients who die in the hospital. This is routinely done by our quality assurance staff, our Patient Care Monitoring Committee, and by the appropriate medical staff departments. The purpose of this multiple review process is to assure that the patient received the best possible care and that the death was unavoidable.

The three categories that we approach the upper limits are listed below with our comments regarding the data.

1. All Causes: There were a total of 37 patients listed in this category. Of the total, 30 patients had been admitted through our Emergency Room and most of them from area nursing homes. Thirty percent of the patients recovered from the acute care stay but died either at home or at a nursing home. These cases were reviewed by hospital and medical staff and were all found to be stable at the time of discharge. Thirty percent of these patients also suffered from a septic condition at the time of admission which

greatly complicated their overall care, producing a higher than average acuity level and hence rate of death. Finally, 21 of the patients were over 80 years of age.

2. Severe Acute Heart Disease: The majority of these patients were above the age of 80 and 40 percent suffered from cardiogenic shock at the time of admission.

3. Pulmonary Disease: Sixty-six percent of these cases were admitted from local nursing homes through our Emergency Room and suffered from severe and chronic lung disease.

In summary, all of the cases in these three categories were reviewed by our staff and it was felt that none of the deaths were avoidable.

Sincerely,

Gerald S. Goldberg
Administrator

GSG:nn

## PACIFICA HOSP. OF THE VALLEY

9449 SAN FERNANDO RD
SUN VALLEY, CA 91352

Medicare Hospital Provider Number: 050378

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 810 | 18 | 10 - 16 | 762 | 14 | 10 - 16 |
| Cancer | 12 | 50 | 18 - 71 | 8 | 50 | 14 - 75 |
| Cerebrovascular Accidents | 29 | 52 | 10 - 47 | 34 | 26 | 13 - 44 |
| Gastrointestinal Catastrophes | 4 | 50 | 12 - 88 | 8 | 0 | 17 - 59 |
| Infectious Disease | 20 | 45 | 15 - 59 | 28 | 18 | 22 - 55 |
| Metabolic/Electrolyte Disorders | 23 | 48 | 11 - 54 | 21 | 24 | 12 - 52 |
| Pulmonary Disease | 47 | 40 | 13 - 43 | 37 | 27 | 20 - 50 |
| Renal Failure | 2 | 50 | 1 - 93 | 4 | 75 | 9 - 86 |
| Severe Acute Heart Disease | 39 | 56 | 25 - 56 | 25 | 60 | 25 - 62 |
| Severe Chronic Heart Disease | 58 | 26 | 12 - 36 | 54 | 31 | 12 - 38 |
| Severe Trauma | 2 | 0 | 4 - 89 | 3 | 67 | 5 - 87 |
| Gastrointestinal Disease | 31 | 3 | 0 - 31 | 48 | 2 | 0 - 23 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 150 | 5 | 1 - 11 | 121 | 2 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 57 | 2 | 1 - 14 | 64 | 2 | 0 - 15 |
| Neuropsychiatric/Sensory Disease | 59 | 0 | 0 - 11 | 16 | 0 | 0 - 81 |
| Urologic Disease | 24 | 4 | 0 - 56 | 33 | 3 | 2 - 21 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 135 |
| Occupancy Rate (%): | 74 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 48 |
| Percent of Physicians Who Are Board Certified Specialists: | 56 |
| Interns and Residents: | 0 |
| Registered Nurses: | 111 |
| Licensed Practical Nurses: | 25 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

PACIFICA HOSPITAL
OF THE VALLEY

MEDICARE PROVIDER NUMBER: 050378

October 18, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The following is our response to the HCFA Medicare Mortality statistics:

1. Under hospital characteristics, please note that we do indeed have a coronary care unit.

2. The percentage of severe acute heart disease mortality is at the top of the predicted range and can probably be accounted for by the fact that this hospital does indeed see a high number of cardiac patients, many who have minimal or no treatment prior to their hospitalization, and who have several comorbid conditions who requested "No Codes."

3. The percentage of cerebrovascular accidents mortality is slightly above the predicted range and again can be attributed to the fact that many of these patients arrive at the hospital in a critical state, usually comatose secondary to cerebrovascular accidents, having received no or minimal prior medical care and treatment. Several of these cases were very old patients with several comorbid conditions who requested "No Codes."

We would like to stress to the public that the mortality information published is not an absolute measure of the

9449 SAN FERNANDO ROAD • SUN VALLEY, CALIFORNIA 91352 • 818/767-3310

quality of care. We do have an in-depth quality assurance program which involves screening of charts of all types of disease categories, including all mortality cases.

The HCFA mortality statistics also do not take into account age, severity of illness and comorbid conditions. The public should not use these statistics to solely base judgement about the quality of care or to make comparisons with other hospitals.

Thank you for the opportunity to comment and for publishing this response with the release of your statistics.

Sincerely,

Janet Sharff, RRA
Director
Medical Record Department/Quality Assurance

xc: T. W. Fell, Jr., M.D., Chairman, Quality Assurance Board
S. K. Durairaj, M.D., Chairman, Critical Care Committee
C. Todd, Acting Chief Executive Officer

JS:aeb

## PALM DRIVE HOSP

501 PETALUMA AVE
SEBASTOPOL, CA 95472

Medicare Hospital Provider Number: 050385

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 809 | 9 | 8 - 13 | 868 | 13 | 9 - 14 |
| Cancer | 20 | 35 | 18 - 60 | 20 | 60 | 19 - 62 |
| Cerebrovascular Accidents | 31 | 19 | 12 - 41 | 38 | 26 | 16 - 45 |
| Gastrointestinal Catastrophes | 10 | 20 | 13 - 64 | 4 | 50 | 8 - 84 |
| Infectious Disease | 11 | 27 | 11 - 63 | 7 | 14 | 15 - 71 |
| Metabolic/Electrolyte Disorders | 10 | 10 | 6 - 54 | 21 | 19 | 9 - 48 |
| Pulmonary Disease | 37 | 5 | 14 - 34 | 50 | 24 | 15 - 41 |
| Renal Failure | 3 | 33 | 6 - 89 | 3 | 67 | 3 - 87 |
| Severe Acute Heart Disease | 23 | 35 | 17 - 55 | 30 | 33 | 24 - 58 |
| Severe Chronic Heart Disease | 51 | 18 | 13 - 36 | 47 | 23 | 12 - 38 |
| Severe Trauma | 3 | 33 | 4 - 86 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 64 | 2 | 1 - 12 | 65 | 3 | 0 - 17 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 75 | 3 | 1 - 12 | 68 | 3 | 1 - 14 |
| Musculoskeletal/Skin Conditions | 86 | 3 | 0 - 20 | 113 | 2 | 1 - 9 |
| Neuropsychiatric/Sensory Disease | 18 | 0 | 0 - 86 | 33 | 0 | 0 - 31 |
| Urologic Disease | 38 | 0 | 0 - 52 | 40 | 5 | 0 - 95 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 56
Occupancy Rate (%): 54
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 38
Percent of Physicians Who Are Board Certified Specialists: 79
Interns and Residents: 0
Registered Nurses: 54
Licensed Practical Nurses: 4

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## PALMDALE GEN HOSP

1212 EAST AVE S
PALMDALE, CA 93550

Medicare Hospital Provider Number: 050337

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 536 | 11 | 9 - 15 | 559 | 10 | 8 - 14 |
| Cancer | 15 | 53 | 15 - 63 | 5 | 80 | 14 - 80 |
| Cerebrovascular Accidents | 28 | 25 | 10 - 44 | 16 | 19 | 10 - 50 |
| Gastrointestinal Catastrophes | 6 | 50 | 6 - 75 | 5 | 60 | 9 - 80 |
| Infectious Disease | 6 | 0 | 9 - 60 | 6 | 33 | 7 - 74 |
| Metabolic/Electrolyte Disorders | 9 | 22 | 7 - 63 | 9 | 11 | 7 - 58 |
| Pulmonary Disease | 53 | 21 | 12 - 37 | 48 | 19 | 15 - 39 |
| Renal Failure | 2 | 0 | 2 - 89 | 1 | 0 | 0 -100 |
| Severe Acute Heart Disease | 19 | 42 | 18 - 61 | 20 | 40 | 17 - 58 |
| Severe Chronic Heart Disease | 33 | 6 | 15 - 35 | 33 | 15 | 11 - 38 |
| Severe Trauma | 1 | 0 | 0 - 99 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 42 | 2 | 0 - 31 | 33 | 0 | 0 - 22 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 66 | 0 | 1 - 8 | 92 | 3 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 46 | 4 | 0 - 37 | 40 | 0 | 0 - 30 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 - 89 | 17 | 6 | 0 - 99 |
| Urologic Disease | 12 | 0 | 0 - 94 | 4 | 25 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 123 |
| Occupancy Rate (%): | 50 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 68 |
| Percent of Physicians Who Are Board Certified Specialists: | 69 |
| Interns and Residents: | 0 |
| Registered Nurses: | 67 |
| Licensed Practical Nurses: | 20 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# PALO VERDE HOSP

250 N 1ST ST
BLYTHE, CA 92225

Medicare Hospital Provider Number: 050423

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 285 | 17 | 9 - 19 | 330 | 15 | 11 - 19 |
| Cancer | 6 | 83 | 18 - 78 | 15 | 60 | 23 - 70 |
| Cerebrovascular Accidents | 12 | 58 | 5 - 59 | 20 | 45 | 10 - 52 |
| Gastrointestinal Catastrophes | 5 | 20 | 2 - 76 | 1 | 0 | 0 - 99 |
| Infectious Disease | 9 | 0 | 11 - 51 | 1 | 100 | 0 - 99 |
| Metabolic/Electrolyte Disorders | 7 | 29 | 6 - 70 | 20 | 15 | 10 - 47 |
| Pulmonary Disease | 32 | 19 | 11 - 41 | 43 | 14 | 11 - 35 |
| Renal Failure | 1 | 100 | 3 - 99 | 1 | 100 | 2 - 97 |
| Severe Acute Heart Disease | 18 | 33 | 18 - 60 | 17 | 41 | 15 - 60 |
| Severe Chronic Heart Disease | 21 | 14 | 6 - 40 | 26 | 23 | 10 - 43 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 14 | 0 | 0 - 97 | 21 | 0 | 0 - 52 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Low-Risk Heart Disease | 41 | 5 | 0 - 47 | 45 | 2 | 0 - 23 |
| Musculoskeletal/Skin Conditions | 13 | 15 | 0 -100 | 23 | 0 | 0 - 53 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 7 | 0 | 0 - 99 | 8 | 0 | 0 - 98 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 55
Occupancy Rate (%): 35
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 4
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 0
Registered Nurses: 35
Licensed Practical Nurses: 10

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

# PALOMAR MEDICAL CENTER

555 E VALLEY PARKWAY
ESCONDIDO, CA 92025

Medicare Hospital Provider Number: 050115

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,275 | 13 | 11 - 15 | 3,271 | 13 | 11 - 15 |
| Cancer | 98 | 37 | 30 - 53 | 161 | 51 | 32 - 53 |
| Cerebrovascular Accidents | 195 | 24 | 20 - 34 | 166 | 30 | 20 - 36 |
| Gastrointestinal Catastrophes | 39 | 38 | 19 - 54 | 27 | 26 | 19 - 56 |
| Infectious Disease | 51 | 45 | 23 - 53 | 59 | 31 | 25 - 53 |
| Metabolic/Electrolyte Disorders | 54 | 15 | 10 - 36 | 61 | 20 | 9 - 36 |
| Pulmonary Disease | 148 | 31 | 18 - 36 | 141 | 30 | 15 - 34 |
| Renal Failure | 20 | 35 | 13 - 67 | 18 | 61 | 15 - 71 |
| Severe Acute Heart Disease | 153 | 43 | 30 - 48 | 133 | 41 | 28 - 48 |
| Severe Chronic Heart Disease | 184 | 20 | 18 - 31 | 182 | 20 | 16 - 30 |
| Severe Trauma | 8 | 25 | 6 - 67 | 6 | 33 | 8 - 75 |
| Gastrointestinal Disease | 196 | 5 | 1 - 9 | 200 | 4 | 1 - 8 |
| Gynecologic Disease | 33 | 0 | 0 -100 | 42 | 0 | 0 -100 |
| Low-Risk Heart Disease | 324 | 4 | 2 - 7 | 315 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 345 | 4 | 1 - 6 | 327 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 45 | 4 | 1 - 21 | 48 | 2 | 0 - 22 |
| Urologic Disease | 169 | 1 | 0 - 8 | 131 | 0 | 0 - 7 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 361 |
| Occupancy Rate (%): | 80 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 199 |
| Percent of Physicians Who Are Board Certified Specialists: | 69 |
| Interns and Residents: | 0 |
| Registered Nurses: | 132 |
| Licensed Practical Nurses: | 49 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## PANORAMA COMMUNITY HOSP

14850 ROSCOE BLVD
PANORAMA CITY, CA 91402

Medicare Hospital Provider Number: 050467

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 627 | 15 | 11 - 17 | 803 | 15 | 11 - 17 |
| Cancer | 16 | 50 | 19 - 66 | 26 | 50 | 24 - 63 |
| Cerebrovascular Accidents | 15 | 7 | 18 - 51 | 25 | 60 | 14 - 52 |
| Gastrointestinal Catastrophes | 8 | 50 | 13 - 75 | 6 | 50 | 14 - 81 |
| Infectious Disease | 6 | 17 | 14 - 75 | 8 | 38 | 7 - 69 |
| Metabolic/Electrolyte Disorders | 9 | 44 | 8 - 68 | 10 | 50 | 9 - 67 |
| Pulmonary Disease | 65 | 34 | 21 - 45 | 63 | 25 | 20 - 43 |
| Renal Failure | 8 | 75 | 12 - 76 | 20 | 45 | 20 - 75 |
| Severe Acute Heart Disease | 13 | 46 | 17 - 67 | 23 | 52 | 27 - 67 |
| Severe Chronic Heart Disease | 45 | 31 | 16 - 43 | 38 | 21 | 15 - 42 |
| Severe Trauma | 0 | - | - | 2 | 0 | 4 - 89 |
| Gastrointestinal Disease | 34 | 3 | 0 - 32 | 44 | 5 | 0 - 23 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 16 | 0 | 0 -100 |
| Low-Risk Heart Disease | 51 | 6 | 1 - 21 | 102 | 5 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 43 | 2 | 0 - 25 | 51 | 0 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 -100 | 10 | 10 | 0 -100 |
| Urologic Disease | 104 | 0 | 0 - 14 | 105 | 2 | 0 - 24 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

| | |
|---|---|
| Total Beds (#): | 96 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 106 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## PARADISE VALLEY HOSP

2400 EAST FOURTH STREET
NATIONAL CITY, CA 92050

Medicare Hospital Provider Number: 050024

| Diagnostic Category | Calender Year 1987 Cases | 1987 Actual Mortality Rate (%) | 1987 Range For Predicted Mortality (%) | Calender Year 1986 Cases | 1986 Actual Mortality Rate (%) | 1986 Range For Predicted Mortality (%) |
|---|---|---|---|---|---|---|
| All Cases | 1,199 | 15 | 12 - 17 | 1,197 | 15 | 10 - 16 |
| Cancer | 38 | 45 | 30 - 64 | 35 | 49 | 24 - 59 |
| Cerebrovascular Accidents | 44 | 25 | 15 - 42 | 44 | 36 | 15 - 44 |
| Gastrointestinal Catastrophes | 17 | 35 | 20 - 66 | 10 | 40 | 14 - 71 |
| Infectious Disease | 29 | 41 | 23 - 60 | 6 | 50 | 6 - 75 |
| Metabolic/Electrolyte Disorders | 36 | 8 | 10 - 37 | 33 | 30 | 9 - 45 |
| Pulmonary Disease | 84 | 36 | 21 - 44 | 65 | 26 | 19 - 42 |
| Renal Failure | 9 | 11 | 14 - 71 | 9 | 44 | 12 - 77 |
| Severe Acute Heart Disease | 44 | 61 | 30 - 59 | 40 | 55 | 27 - 58 |
| Severe Chronic Heart Disease | 54 | 28 | 13 - 38 | 75 | 27 | 16 - 37 |
| Severe Trauma | 1 | 0 | 0 - 99 | 2 | 0 | 1 - 91 |
| Gastrointestinal Disease | 60 | 5 | 1 - 19 | 81 | 6 | 0 - 22 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Low-Risk Heart Disease | 144 | 3 | 1 - 9 | 132 | 3 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 103 | 2 | 1 - 9 | 110 | 3 | 1 - 10 |
| Neuropsychiatric/Sensory Disease | 19 | 0 | 0 - 61 | 46 | 2 | 0 - 38 |
| Urologic Disease | 55 | 0 | 0 - 14 | 53 | 2 | 0 - 22 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 210 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

PARADISE VALLEY HOSPITAL

2400 E. FOURTH ST
NATIONAL CITY CA
92050-2099

PROVIDER # 050024

October 20, 1988

Sandra Kappert
Health Standards & Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to provide input on the HCFA Mortality Data pertinent to our hospital for 1987.

The Quality Assurance/Utilization Management Committee reviewed the mortality data, including all 27 charts under disease category "Acute Severe Heart Disease" of patients who died within 30 days of admission to our hospital. Our committee found:

1. The overall mortality rate to be within the lower and mid-range of the Predicted Mortality Range with the exception of the "Acute Severe Heart Disease Category"

2. In-depth review of the records of patients who died within 30 days of the last admission under the Acute Severe Heart Disease Category showed:

    A. 15 or 55% suffered Cardio-Pulmonary Arrest outside the hospital. These patients were brought to Emergency Room with CPR in progress and did not survive resuscitation efforts.

    B. 8 or 30% were admitted from nursing homes with multi-system failure and were in "No Code Status."

    C. 4 or 15% suffered from acute Myocardial Infarction. These patients came with history or multiple diseases including CHF, End-Stage COPD and Renal Disease.

Paradise Valley is committed to a continual process of improving the quality of patient care. To monitor the quality of patient care and the appropriate utilization of services, the Quality Assurance/Utilization Management Department performs 100% concurrent chart review in conjunction with the physician.

Again, thank you for the opportunity to clarify the Mortality Data.

Sincerely,

Beatriz C. Reyes

Beatriz C. Reyes, R.N. BSN, MPH
Administrative Director
Medical Information And Quality Assurance Department

## PARKVIEW COMMUNITY HOSP MED CTR

3865 JACKSON ST
RIVERSIDE, CA 92503

Medicare Hospital Provider Number: 050102

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,343 | 15 | 11 - 16 | 1,094 | 15 | 10 - 15 |
| Cancer | 42 | 45 | 24 - 56 | 35 | 37 | 21 - 54 |
| Cerebrovascular Accidents | 61 | 34 | 15 - 40 | 40 | 47 | 16 - 47 |
| Gastrointestinal Catastrophes | 19 | 32 | 16 - 59 | 14 | 21 | 12 - 58 |
| Infectious Disease | 28 | 46 | 16 - 54 | 20 | 25 | 18 - 58 |
| Metabolic/Electrolyte Disorders | 41 | 24 | 13 - 44 | 25 | 28 | 12 - 50 |
| Pulmonary Disease | 112 | 23 | 17 - 36 | 70 | 26 | 14 - 37 |
| Renal Failure | 5 | 60 | 18 - 93 | 6 | 67 | 10 - 81 |
| Severe Acute Heart Disease | 46 | 30 | 22 - 50 | 39 | 38 | 25 - 56 |
| Severe Chronic Heart Disease | 79 | 30 | 13 - 34 | 60 | 35 | 11 - 36 |
| Severe Trauma | 3 | 33 | 3 - 86 | 1 | 0 | 0 - 97 |
| Gastrointestinal Disease | 92 | 1 | 0 - 9 | 71 | 1 | 0 - 13 |
| Gynecologic Disease | 16 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 162 | 6 | 1 - 10 | 163 | 6 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 82 | 2 | 0 - 13 | 52 | 0 | 0 - 20 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 -100 | 12 | 8 | 0 - 99 |
| Urologic Disease | 41 | 0 | 0 - 24 | 50 | 2 | 0 - 50 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 156 |
| Occupancy Rate (%): | 58 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 106 |
| Percent of Physicians Who Are Board Certified Specialists: | 76 |
| Interns and Residents: | 0 |
| Registered Nurses: | 110 |
| Licensed Practical Nurses: | 48 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Parkview Community Hospital

3865 Jackson Street
Riverside, CA
92503

714-688-2211

October 20, 1988

Medicare Provider #050102A

William L. Roper, M.D., Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

Parkview Community Hospital welcomes the opportunity to respond to HCFA mortality rates for the period of January 1, 1987 through December 30, 1987.

Parkview Community Hospital attempts to provide state of the art care in a community setting. We have a large population of nursing home patients with terminal disease who request no extensive measures - "no code status." We also deal with many cancer patients through the Curtis Cancer Center and we also provide care to a growing population in western Riverside County. Our hospital was within the predicted mortality range in all categories. We believe that this reflects favorably on our quality of care, our monitoring procedures and our hospital.

It is the intent of Parkview Community Hospital to provide clear and concise information to you and other interested parties in a timely manner. Should you have any questions or need further information, please do not hesitate to contact us.

We appreciate your efforts to improve the quality of medical care and hope that future reviews will consider quality of life issues along with mortality statistics.

Sincerely,

Val Emery, ART CPQA

Val Emery, ART, CTR, CPQA
Quality Assurance Coordinator

Robert Barton, M.D.
Chairman, Quality Assurance Committee

Ferne Fannin

Ferne Fannin, Administrator

cc: David Macher, Chairman, Board of Directors, Parkview Community Hospital
Willie Citrin, Chief of Staff, Parkview Community Hospital

## PENINSULA HOSP & MEDICAL CENTER

1783 EL CAMINO REAL
BURLINGAME, CA 94010

Medicare Hospital Provider Number: 050007

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,076 | 12 | 9 - 14 | 2,104 | 12 | 9 - 14 |
| Cancer | 84 | 46 | 26 - 51 | 111 | 42 | 26 - 49 |
| Cerebrovascular Accidents | 116 | 27 | 18 - 36 | 116 | 22 | 17 - 34 |
| Gastrointestinal Catastrophes | 18 | 39 | 11 - 57 | 19 | 42 | 12 - 58 |
| Infectious Disease | 26 | 35 | 18 - 56 | 18 | 50 | 16 - 62 |
| Metabolic/Electrolyte Disorders | 33 | 21 | 9 - 42 | 24 | 8 | 9 - 40 |
| Pulmonary Disease | 68 | 26 | 13 - 36 | 78 | 40 | 13 - 37 |
| Renal Failure | 11 | 27 | 13 - 73 | 5 | 60 | 12 - 86 |
| Severe Acute Heart Disease | 95 | 24 | 26 - 45 | 83 | 29 | 28 - 50 |
| Severe Chronic Heart Disease | 94 | 28 | 17 - 36 | 107 | 17 | 15 - 31 |
| Severe Trauma | 3 | 67 | 6 - 87 | 3 | 0 | 3 - 80 |
| Gastrointestinal Disease | 108 | 6 | 0 - 15 | 124 | 3 | 1 - 10 |
| Gynecologic Disease | 18 | 0 | 0 -100 | 15 | 0 | 0 -100 |
| Low-Risk Heart Disease | 251 | 1 | 2 - 5 | 257 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 237 | 5 | 1 - 8 | 234 | 3 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 74 | 7 | 0 - 44 | 80 | 0 | 0 - 8 |
| Urologic Disease | 84 | 2 | 0 - 21 | 91 | 2 | 0 - 21 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

| | |
|---|---|
| Total Beds (#): | 402 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 214 |
| Licensed Practical Nurses: | 39 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Mills Hospital**
100 South San Mateo Dr.
San Mateo, CA 94401
415-696-4400

**Peninsula Hospital**
1783 El Camino Real
Burlingame, CA 94010
415-696-5400

Mills-Peninsula
Hospitals

October 13, 1988

Mills Provider #05-0302
Peninsula Provider #05-0007

William L. Roper, Administrator
Health Care Financing Administration
Department of Health & Human Services
Washington, D.C. 20201

Dear Dr. Roper:

Thank you for allowing us to review the 1987 Medicare mortality information prior to public release.

Mills-Peninsula Hospitals are full service facilities which offer acute care, obstetrical, rehabilitation, psychiatric, chemical dependency and skilled nursing services for San Mateo County and the surrounding Bay Area population. We have a high Medicare population representing 50% of our patient mix.

The mortality information supplied by your office was reviewed by Administration, Quality Assurance, and Utilization Review. In our review, we were pleased to find that we continue to fall into an acceptable mortality rate as defined by HCFA Standards. However, we continue to maintain that this data alone is not an indicator of quality of care and can mislead the general public to false conclusions.

The Medical Staffs at Mills-Peninsula conducts an extensive review of every patient who expires in our facilities for overall quality of care. Mortality review is an ongoing process for our Quality Assurance Program, and peer review activities are an integral part of the monitoring of the healthcare delivery system at Mills-Peninsula. We believe that our review processes provide a continuous feedback mechanism that allow us to meet and exceed quality of care standards.

Again, thank you for allowing us to respond to the HCFA mortality statistics for our hospitals.

Sincerely,

Robert W Merwin

ROBERT W. MERWIN
Executive Vice President and
Chief Operating Officer
Mills-Peninsula Hospitals

Affiliated with California Healthcare System

## PERALTA HOSP

450 30TH ST
OAKLAND, CA 94609

Medicare Hospital Provider Number: 050004

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,367 | 12 | 11 - 15 | 1,362 | 10 | 10 - 14 |
| Cancer | 67 | 49 | 28 - 55 | 76 | 39 | 28 - 54 |
| Cerebrovascular Accidents | 39 | 10 | 17 - 39 | 51 | 27 | 17 - 42 |
| Gastrointestinal Catastrophes | 17 | 76 | 22 - 65 | 14 | 21 | 18 - 64 |
| Infectious Disease | 15 | 27 | 15 - 61 | 10 | 60 | 15 - 71 |
| Metabolic/Electrolyte Disorders | 29 | 14 | 11 - 43 | 12 | 33 | 3 - 60 |
| Pulmonary Disease | 85 | 25 | 18 - 39 | 57 | 30 | 13 - 39 |
| Renal Failure | 13 | 31 | 15 - 73 | 12 | 17 | 10 - 67 |
| Severe Acute Heart Disease | 28 | 25 | 26 - 59 | 25 | 12 | 30 - 58 |
| Severe Chronic Heart Disease | 58 | 24 | 15 - 38 | 51 | 27 | 12 - 38 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 88 | 3 | 1 - 12 | 80 | 1 | 1 - 10 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 103 | 4 | 1 - 11 | 101 | 4 | 2 - 11 |
| Musculoskeletal/Skin Conditions | 148 | 4 | 1 - 10 | 159 | 2 | 2 - 8 |
| Neuropsychiatric/Sensory Disease | 105 | 3 | 0 - 14 | 154 | 1 | 0 - 6 |
| Urologic Disease | 62 | 2 | 0 - 40 | 59 | 3 | 0 - 41 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 124 |
| Occupancy Rate (%): | 67 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 233 |
| Percent of Physicians Who Are Board Certified Specialists: | 100 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## PETALUMA VALLEY HOSPITAL

400 N MCDOWELL BLVD
PETALUMA, CA 94952

Medicare Hospital Provider Number: 050136

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 863 | 14 | 9 - 14 | 936 | 13 | 10 - 15 |
| Cancer | 19 | 26 | 16 - 57 | 26 | 46 | 22 - 61 |
| Cerebrovascular Accidents | 44 | 25 | 15 - 42 | 46 | 24 | 19 - 45 |
| Gastrointestinal Catastrophes | 8 | 38 | 7 - 69 | 13 | 15 | 10 - 55 |
| Infectious Disease | 12 | 42 | 12 - 65 | 9 | 56 | 11 - 71 |
| Metabolic/Electrolyte Disorders | 23 | 22 | 11 - 49 | 20 | 35 | 6 - 51 |
| Pulmonary Disease | 48 | 25 | 12 - 38 | 54 | 19 | 16 - 40 |
| Renal Failure | 1 | 100 | 1 - 97 | 2 | 50 | 7 - 96 |
| Severe Acute Heart Disease | 25 | 44 | 23 - 61 | 32 | 53 | 25 - 59 |
| Severe Chronic Heart Disease | 56 | 30 | 13 - 38 | 56 | 21 | 13 - 36 |
| Severe Trauma | 0 | - | - | 2 | 0 | 2 - 88 |
| Gastrointestinal Disease | 54 | 4 | 1 - 19 | 54 | 7 | 0 - 27 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 104 | 3 | 1 - 10 | 120 | 2 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 94 | 3 | 0 - 13 | 89 | 1 | 0 - 9 |
| Neuropsychiatric/Sensory Disease | 11 | 18 | 0 - 95 | 10 | 0 | 0 -100 |
| Urologic Disease | 57 | 4 | 0 - 60 | 45 | 2 | 0 - 45 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 97 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## PHS INDIAN HEALTH SERVICE HOSP

WINTERHAVEN, CA 92283

Medicare Hospital Provider Number: 050643

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 20 | 0 | 5 - 24 | 16 | 25 | 4 - 49 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 2 | 50 | 3 - 92 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 1 | 0 | 0 - 98 | 1 | 100 | 1 -100 |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 0 | - | - | 1 | 0 | 0 - 99 |
| Renal Failure | 1 | 0 | 1 - 97 | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 1 | 100 | 3 - 98 |
| Severe Chronic Heart Disease | 2 | 0 | 2 - 88 | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 2 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 5 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 1 | 0 | 0 - 99 |
| Urologic Disease | 0 | - | - | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1982

| | |
|---|---|
| Total Beds (#): | 17 |
| Ownership/Control: | Federal Government |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 8 |
| Licensed Practical Nurses: | 3 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## PHYSICIANS COMMUNITY HOSPITAL

2800 BENEDICT DR
SAN LEANDRO, CA 94577

Medicare Hospital Provider Number: 050143

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 634 | 20 | 13 - 20 | 882 | 20 | 13 - 20 |
| Cancer | 16 | 56 | 19 - 66 | 24 | 42 | 20 - 59 |
| Cerebrovascular Accidents | 33 | 33 | 12 - 44 | 55 | 29 | 19 - 44 |
| Gastrointestinal Catastrophes | 7 | 71 | 21 - 83 | 5 | 40 | 13 - 84 |
| Infectious Disease | 20 | 45 | 15 - 59 | 30 | 60 | 25 - 62 |
| Metabolic/Electrolyte Disorders | 19 | 26 | 14 - 56 | 21 | 38 | 11 - 54 |
| Pulmonary Disease | 56 | 46 | 17 - 44 | 84 | 32 | 16 - 39 |
| Renal Failure | 10 | 50 | 15 - 78 | 5 | 60 | 11 - 86 |
| Severe Acute Heart Disease | 39 | 36 | 25 - 56 | 54 | 50 | 29 - 56 |
| Severe Chronic Heart Disease | 35 | 17 | 15 - 41 | 55 | 25 | 12 - 36 |
| Severe Trauma | 0 | - | - | 1 | 100 | 1 - 97 |
| Gastrointestinal Disease | 33 | 0 | 0 - 21 | 44 | 7 | 0 - 27 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 65 | 5 | 1 - 16 | 87 | 2 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 53 | 9 | 0 - 31 | 55 | 5 | 1 - 21 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 -100 | 13 | 0 | 0 - 76 |
| Urologic Disease | 19 | 0 | 0 - 99 | 41 | 7 | 0 - 38 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 142 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Services: | (not available) |
| Hospice Care: | (not available) |

PHYSICIANS'
COMMUNITY
HOSPITAL

"Where Doctors Make The Difference"

October 22, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
Meadows East Building, 2D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The enclosed documents reflect Physicians' Community Hospital's response to the Death Mortality Rates.

If you have any questions, please do not hesitate to call.

Sincerely,

Catherine M. Pelley

Catherine Pelley
Executive Director

2800 Benedict Drive • San Leandro, California 94577 • 415/357-8300

# COMMENTS TO THE HCFA MORTALITY DATA

## PHYSICIANS' COMMUNITY HOSPITAL

## SAN LEANDRO, CALIFORNIA

Thank you for the opportunity to comment on the mortality statistics for the period of January 1, 1987 - December 31, 1987.

By way of background, Physicians' Community Hospital is a 122 bed general acute care hospital providing medical and surgical services to residents of San Leandro and surrounding community in Alameda County. The hospital treats a high percentage of Medicare patients, a majority of whom are more than 80 years old.

The HCFA data has been reviewed by Physicians' Community Hospital's Executive Director, Chief of Staff, Assistant Administration and the Director of Quality Care Review.

The medical staff at Physicians' Community Hospital conducts an intensive review of the medical record of every patient who expires at this hospital. This review explores both medical management and overall quality care and is an ongoing part of the Patient Care Committee and peer review activities. We believe that our review process provided a continuous feedback mechanism that allows us to meet and exceed quality of care standards.

A random sample of approximately 50% of the cases submitted as admissions and deaths occuring at Physicians' Community Hospital for 1987 were reviewed. Hospital characteristics need to include bed number of 122. The total number of physicians on staff is 197, with 144 of which are Board Certified.

COMMENTS ON HCFA MORTALITY DATA

When reviewing the Mortality Data for Physicians' Community Hospital it was noted that 634 cases were chosen by HCFA as risk categories. Of the 634 cases, the total number of deaths was 138 with an average age of 76 years was demonstrated by the data. The total number of discharges from Physicians' Community Hospital for the 1987 calendar year was 2,613.

Of the 412 high risk categories patients, 138 (34%) of these patients died after discharge at home or in an environment that provided a lesser level of patient care.

The only category Physicians' Community Hospital fell out of the range of predicted mortality rates was Pulmonary Disease. 76% - 80% of Physicians' Community Hospital's population are over the age of 65. The most frequent pulmonary diagnoses were pneumonia, exacerbation of chronic obstructive pulmonary disease and congestive heart failure. The average age of the population in this category that died was 80 years of age. 14% of the Pulmonary Disease high risk patients died within 48 hours of admission and of the total population admitted 35 of the 56 patients died within 1 year.

Further review of the data indicated that 30 (22%) of the pulmonary disease deaths occurred within the first 48 hours of admission. This tends to indicate that the number of high risk patients that expired during the calendar year 1987 were critically ill upon admission.

The medical staff at Physicians' Community Hospital conducts an intensive review of the medical record of every patient who expires at this hospital. This review explores both medical management and overall quality care and is an ongoing part of the Patient Care Committee and peer review activities. We believe that our review process provided a continuous feedback mechanism that allows us to meet and exceed quality of care standards.

## PICO RIVERA COMM HOSP

5216 S ROSEMEAD BLVD
PICO RIVERA, CA 90660

Medicare Hospital Provider Number: 050269

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 446 | 24 | 12 - 21 | 439 | 23 | 13 - 22 |
| Cancer | 8 | 25 | 18 - 76 | 4 | 100 | 19 - 82 |
| Cerebrovascular Accidents | 13 | 15 | 9 - 52 | 22 | 27 | 18 - 55 |
| Gastrointestinal Catastrophes | 4 | 25 | 3 - 80 | 7 | 57 | 6 - 72 |
| Infectious Disease | 4 | 50 | 7 - 84 | 1 | 0 | 0 - 97 |
| Metabolic/Electrolyte Disorders | 14 | 21 | 8 - 55 | 11 | 18 | 7 - 57 |
| Pulmonary Disease | 50 | 42 | 21 - 49 | 51 | 45 | 23 - 51 |
| Renal Failure | 4 | 75 | 7 - 84 | 7 | 71 | 18 - 85 |
| Severe Acute Heart Disease | 27 | 67 | 30 - 66 | 22 | 73 | 29 - 66 |
| Severe Chronic Heart Disease | 20 | 45 | 10 - 53 | 32 | 31 | 16 - 48 |
| Severe Trauma | 1 | 0 | 0 - 97 | 0 | - | - |
| Gastrointestinal Disease | 29 | 10 | 0 - 48 | 22 | 0 | 0 - 33 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 4 | 25 | 0 -100 |
| Low-Risk Heart Disease | 60 | 10 | 0 - 29 | 68 | 10 | 0 - 25 |
| Musculoskeletal/Skin Conditions | 21 | 10 | 0 - 89 | 28 | 0 | 0 - 24 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 21 | 14 | 0 - 92 | 12 | 0 | 0 - 83 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 95 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

Medicare Provider No. 050269
October 19, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to respond to mortality information about Medicare patients discharged from our hospital in 1987.

We have evalutated the data and have the following comments to make:

1) The average age of death of the patients who expired within 30 days of admission to our hospital was 80.8 years. The youngest patient who expired was 66 years and the oldest was 96.

2) Of the 39 patients who expired within 30 days of admission, 21 of them, or 53.8%, had been in a skilled nursing facility prior to their admission to our hospital. These patients had chronic debilitating illnesses.

Pico Rivera Community Hospital serves an area and physicians who have large nursing home practices. Consequently, a substantial percentage of our total admissions are from these facilities. As a result the data presented by HCFA is distorted in relation to so called "norms".

We trust that the above information clarifies the data in the mortality report for Pico Rivera Community Hospital.

Sincerely yours,

Rendel Levonian, M.D.
Administrator

RL/nh

PICO RIVERA COMMUNITY HO[illegible] (213) 948-1121
5216 South Rosemead Blvd. • Pico Rivera, California 90660 • [redacted] • (213) 723-9597
[illegible]

## PIONEER HOSPITAL

17831 S PIONEER BLVD
ARTESIA, CA 90701

Medicare Hospital Provider Number: 050317

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 597 | 17 | 9 - 16 | 551 | 15 | 8 - 15 |
| Cancer | 24 | 33 | 16 - 55 | 9 | 11 | 15 - 63 |
| Cerebrovascular Accidents | 24 | 29 | 11 - 48 | 21 | 29 | 10 - 49 |
| Gastrointestinal Catastrophes | 19 | 37 | 13 - 58 | 9 | 44 | 6 - 67 |
| Infectious Disease | 5 | 40 | 9 - 80 | 6 | 0 | 13 - 63 |
| Metabolic/Electrolyte Disorders | 2 | 100 | 0 - 95 | 7 | 86 | 7 - 65 |
| Pulmonary Disease | 43 | 40 | 12 - 42 | 23 | 26 | 10 - 47 |
| Renal Failure | 3 | 67 | 9 - 92 | 3 | 67 | 5 - 88 |
| Severe Acute Heart Disease | 33 | 45 | 17 - 52 | 30 | 43 | 23 - 58 |
| Severe Chronic Heart Disease | 46 | 33 | 11 - 39 | 39 | 15 | 10 - 35 |
| Severe Trauma | 2 | 0 | 0 - 95 | 2 | 100 | 5 - 89 |
| Gastrointestinal Disease | 37 | 3 | 1 - 21 | 40 | 5 | 0 - 32 |
| Gynecologic Disease | 10 | 0 | 0 -100 | 12 | 0 | 0 -100 |
| Low-Risk Heart Disease | 69 | 3 | 0 - 17 | 82 | 5 | 0 - 17 |
| Musculoskeletal/Skin Conditions | 44 | 2 | 0 - 53 | 28 | 0 | 0 - 61 |
| Neuropsychiatric/Sensory Disease | 16 | 6 | 0 - 68 | 6 | 0 | 0 -100 |
| Urologic Disease | 22 | 5 | 0 -100 | 16 | 6 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 99 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

PIONEER HOSPITAL
17831 SOUTH PIONEER BOULEVARD, ARTESIA, CALIFORNIA 90701
TELEPHONE: (213) 865-6291

October 21, 1988

Health Standards and Quality Bureau, HCFA
ATTN: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: PIONEER HOSPITAL
MEDICARE PROVIDER # 050317

Dear Mrs. Kappert:

The Medical Staff and Administration of Pioneer Hospital have reviewed and analyzed the HCFA Prepared Medical Hospital Mortality Information for the calendar years 1986 and 1987.

The HCFA Prepared report, based on paid Medicare claims, for the reporting period discloses a total of 597 Medicare cases discharged for this reporting period. Our records indicate we discharged 690 Medicare cases for the 1987 reporting period. Of the sixteen (16) Major Diagnostic Categories profiled by HCFA this represents a composite profile of 66.8% of the paid Medicare claims reviewed by HCFA.

In order to accurately respond to the HCFA Hospital Mortality Information, we specifically validated the number of deaths which occurred within 30 days of discharge, which represented 100 cases. An analysis of the data concluded the following: Seventy Five (75) of the cases were admitted from home; Eighteen (18) of the cases were admitted from skilled nursing facilities; Two (2) of the cases were admitted from board and care facilities; Six (6) of the cases were admitted from other acute care hospitals. Fifty eight (58) of the 100 cases were admitted via the Emergency Department by ambulance or paramedic arrivals. In addressing the issue if death was anticipated either by the family and/or patient, it was disclosed that all 100 cases described the patient's death as anticipated. Twenty five (25) of the 100 cases were dispositioned from the hospital for terminal care at skilled nursing facilities (13 cases) or to home (12 cases) based on the patient or family choice.

A review of the actual number of reported percentage of deaths by the sixteen diagnostic categories compared to the Predicted Mortality Percentage shows that all within acceptable ranges. Exception is made for the categories "Metabolic/Electrolyte Disturbances", two cases; Infectious Disease, five cases; and Renal Failure, three cases, which are small statistical samples which do not reflect a statistically significant sample. Thus we respectfully request these three categories be withheld from the public release data.

In reference to the Hosptial Specific Characteristics we wish to have the following data corrected:

| | |
|---|---|
| Number of beds: | 99 |
| Occupancy rate: | 53% |
| Coronary Care Unit: | Yes |
| Registered Nurses: | 77 |
| LVN's: | 11 |

We appreciate the opportunity to preview and validate this HCFA Mortality Data. We do stress the importance of HCFA to address to the public information response the fact that this profile of our Hospital is based on paid claims data only and does not address patient demographics, severity of illness, or the multiple comorbid conditions and diagnoses associated with the senior aged population we serve.

We continue our on-going quality assurance monitoring of all levels of care in our facility in an effort to improve the quality of life and service to the Medicare patients we serve.

Respectfully submitted,

John S. McDonald, JD
Administrator

JSM:sla/mes

## PIONEERS MEMORIAL HOSPITAL DISTRICT

207 W LEGION ROAD
BRAWLEY, CA 92227

Medicare Hospital Provider Number: 050342

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 584 | 13 | 9 - 15 | 600 | 15 | 11 - 17 |
| Cancer | 14 | 57 | 17 - 67 | 13 | 92 | 35 - 73 |
| Cerebrovascular Accidents | 17 | 41 | 12 - 57 | 34 | 38 | 14 - 47 |
| Gastrointestinal Catastrophes | 8 | 13 | 10 - 63 | 7 | 14 | 10 - 68 |
| Infectious Disease | 7 | 43 | 8 - 73 | 11 | 36 | 14 - 68 |
| Metabolic/Electrolyte Disorders | 15 | 27 | 4 - 54 | 13 | 15 | 5 - 52 |
| Pulmonary Disease | 44 | 18 | 11 - 36 | 62 | 26 | 15 - 40 |
| Renal Failure | 3 | 33 | 4 - 87 | 5 | 20 | 7 - 79 |
| Severe Acute Heart Disease | 19 | 58 | 22 - 64 | 25 | 56 | 22 - 61 |
| Severe Chronic Heart Disease | 35 | 37 | 14 - 46 | 21 | 29 | 11 - 50 |
| Severe Trauma | 2 | 0 | 1 - 92 | 2 | 0 | 1 - 92 |
| Gastrointestinal Disease | 46 | 4 | 0 - 25 | 27 | 0 | 0 - 27 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 80 | 5 | 1 - 16 | 93 | 0 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 75 | 4 | 0 - 23 | 55 | 4 | 0 - 26 |
| Neuropsychiatric/Sensory Disease | 11 | 0 | 0 - 63 | 9 | 0 | 0 -100 |
| Urologic Disease | 18 | 0 | 0 - 96 | 11 | 0 | 0 - 99 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 78 |
| Occupancy Rate (%): | 60 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 41 |
| Percent of Physicians Who Are Board Certified Specialists: | 68 |
| Interns and Residents: | 0 |
| Registered Nurses: | 79 |
| Licensed Practical Nurses: | 14 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# PLACENTIA-LINDA COMM HOSP

1301 N ROSE DR
PLACENTIA, CA 92670

Medicare Hospital Provider Number: 050589

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 587 | 13 | 9 - 15 | 644 | 11 | 8 - 14 |
| Cancer | 24 | 46 | 20 - 60 | 24 | 46 | 22 - 62 |
| Cerebrovascular Accidents | 25 | 24 | 13 - 47 | 23 | 35 | 10 - 49 |
| Gastrointestinal Catastrophes | 8 | 50 | 7 - 70 | 7 | 29 | 4 - 69 |
| Infectious Disease | 7 | 29 | 21 - 82 | 7 | 0 | 14 - 60 |
| Metabolic/Electrolyte Disorders | 12 | 42 | 10 - 64 | 13 | 31 | 7 - 59 |
| Pulmonary Disease | 28 | 29 | 13 - 47 | 36 | 31 | 14 - 45 |
| Renal Failure | 3 | 33 | 2 - 87 | 3 | 33 | 7 - 90 |
| Severe Acute Heart Disease | 18 | 50 | 17 - 61 | 16 | 50 | 17 - 63 |
| Severe Chronic Heart Disease | 29 | 24 | 9 - 42 | 34 | 21 | 10 - 39 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 45 | 0 | 0 - 14 | 49 | 0 | 0 - 14 |
| Gynecologic Disease | 8 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 83 | 2 | 1 - 11 | 98 | 2 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 62 | 5 | 0 - 28 | 58 | 0 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 10 | 10 | 0 -100 | 13 | 0 | 0 -100 |
| Urologic Disease | 25 | 4 | 0 -100 | 28 | 4 | 1 - 30 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 114 |
| Occupancy Rate (%): | 47 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## PLEASANT VALLEY HOSP

2309 ANTONIO AVE
CAMARILLO, CA 93010

Medicare Hospital Provider Number: 050616

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,101 | 12 | 10 - 15 | 991 | 11 | 10 - 16 |
| Cancer | 33 | 55 | 29 - 65 | 33 | 39 | 26 - 61 |
| Cerebrovascular Accidents | 40 | 15 | 16 - 40 | 39 | 36 | 16 - 47 |
| Gastrointestinal Catastrophes | 2 | 50 | 3 - 92 | 6 | 17 | 12 - 74 |
| Infectious Disease | 7 | 29 | 13 - 75 | 7 | 43 | 13 - 77 |
| Metabolic/Electrolyte Disorders | 19 | 32 | 11 - 54 | 14 | 21 | 5 - 53 |
| Pulmonary Disease | 56 | 25 | 15 - 40 | 53 | 25 | 16 - 42 |
| Renal Failure | 0 | - | - | 1 | 100 | 2 -100 |
| Severe Acute Heart Disease | 54 | 44 | 29 - 57 | 41 | 32 | 28 - 58 |
| Severe Chronic Heart Disease | 46 | 28 | 16 - 43 | 61 | 23 | 14 - 36 |
| Severe Trauma | 1 | 100 | 3 - 98 | 4 | 25 | 7 - 81 |
| Gastrointestinal Disease | 98 | 2 | 1 - 10 | 74 | 1 | 1 - 10 |
| Gynecologic Disease | 19 | 0 | 0 -100 | 12 | 0 | 0 -100 |
| Low-Risk Heart Disease | 129 | 2 | 2 - 7 | 107 | 2 | 2 - 9 |
| Musculoskeletal/Skin Conditions | 88 | 2 | 1 - 11 | 78 | 3 | 1 - 12 |
| Neuropsychiatric/Sensory Disease | 31 | 3 | 0 - 31 | 30 | 7 | 0 - 43 |
| Urologic Disease | 79 | 0 | 0 - 12 | 59 | 3 | 0 - 26 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 180 |
| Occupancy Rate (%): | 67 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 92 |
| Percent of Physicians Who Are Board Certified Specialists: | 83 |
| Interns and Residents: | 0 |
| Registered Nurses: | 71 |
| Licensed Practical Nurses: | 25 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Pleasant Valley Hospital**

2309 Antonio Avenue
Camarillo CA 93010
805-484-2831

October 20, 1988

To the people of the community we serve:

Pleasant Valley Hospital is a not-for-profit, acute care facility treating patients for major medical and surgical conditions. Approximately 40% of our inpatient admissions are Medicare patients. Information which was taken from the 1986 AHA annual survey of hospitals included under "hospital characteristics," contains several significant inaccuracies; the following information is, therefore provided:

Total beds = 81
Occupancy rate = 70%
Total (active/associate) medical staff = 85
Percent of physicians who are board certified specialists = 81%
Registered nurses per bed = 0.93
Licensed practical nurses per bed = 0.13

As part of our ongoing Quality Assurance program, a physician reviews the medical record of each patient who expires at this facility. The medical management of each case is evaluated to assure that appropriate care was given in compliance with the highest professional standards. We believe that our monitoring system provides us with a continuous feedback mechanism which helps us to meet or exceed quality care standards.

The hospital-specific mortality data reported by HCFA has been reviewed by hospital and medical staff. Our actual mortality rate fell within expected range for all categories with statistically valid data. We welcome the opportunity to comment on this data, which provides independent confirmation of the effectiveness of our continuing efforts to provide meical care to the community we serve according to the highest professional standards.

Norman F. Gruber
President

Gary A Swanson

Gary A. Swanson, M.D.
President, Medical Staff

Jay W Evans

Jay W. Evans
Administrator

## PLUMAS DISTRICT HOSP

1065 BUCKS LAKE RD
QUINCY, CA 95971

Medicare Hospital Provider Number: 050148

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 175 | 5 | 8 - 16 | 158 | 13 | 8 - 20 |
| Cancer | 1 | 0 | 0 - 98 | 1 | 0 | 2 - 97 |
| Cerebrovascular Accidents | 4 | 25 | 4 - 79 | 3 | 67 | 4 - 86 |
| Gastrointestinal Catastrophes | 0 | - | - | 4 | 50 | 7 - 84 |
| Infectious Disease | 1 | 0 | 0 - 98 | 1 | 0 | 3 - 99 |
| Metabolic/Electrolyte Disorders | 5 | 20 | 6 - 75 | 5 | 0 | 9 - 66 |
| Pulmonary Disease | 22 | 14 | 15 - 47 | 24 | 17 | 12 - 45 |
| Renal Failure | 1 | 100 | 2 - 97 | 0 | - | - |
| Severe Acute Heart Disease | 5 | 0 | 10 - 66 | 8 | 13 | 15 - 67 |
| Severe Chronic Heart Disease | 10 | 0 | 7 - 42 | 8 | 38 | 3 - 68 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 13 | 0 | 0 - 90 | 16 | 0 | 0 - 79 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 19 | 0 | 0 - 35 | 13 | 15 | 0 - 95 |
| Musculoskeletal/Skin Conditions | 22 | 0 | 0 - 56 | 16 | 6 | 0 - 90 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Urologic Disease | 6 | 0 | 0 -100 | 3 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 34 |
| Occupancy Rate (%): | 21 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 5 |
| Percent of Physicians Who Are Board Certified Specialists: | 60 |
| Interns and Residents: | 0 |
| Registered Nurses: | 11 |
| Licensed Practical Nurses: | 9 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## POMERADO HOSPITAL

15615 POMERADO ROAD
POWAY, CA 92064

Medicare Hospital Provider Number: 050636

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,283 | 9 | 8 - 13 | 1,255 | 11 | 9 - 14 |
| Cancer | 31 | 32 | 20 - 54 | 52 | 48 | 28 - 58 |
| Cerebrovascular Accidents | 60 | 17 | 16 - 37 | 47 | 23 | 15 - 40 |
| Gastrointestinal Catastrophes | 12 | 17 | 11 - 58 | 10 | 20 | 11 - 63 |
| Infectious Disease | 20 | 20 | 17 - 55 | 18 | 33 | 17 - 61 |
| Metabolic/Electrolyte Disorders | 21 | 19 | 12 - 50 | 25 | 20 | 9 - 46 |
| Pulmonary Disease | 45 | 33 | 14 - 43 | 40 | 32 | 12 - 43 |
| Renal Failure | 0 | - | - | 2 | 50 | 3 - 93 |
| Severe Acute Heart Disease | 72 | 32 | 27 - 50 | 63 | 33 | 27 - 52 |
| Severe Chronic Heart Disease | 50 | 20 | 10 - 34 | 60 | 28 | 13 - 37 |
| Severe Trauma | 1 | 0 | 0 - 99 | 3 | 0 | 4 - 79 |
| Gastrointestinal Disease | 93 | 2 | 0 - 11 | 87 | 2 | 0 - 12 |
| Gynecologic Disease | 20 | 0 | 0 -100 | 23 | 0 | 0 -100 |
| Low-Risk Heart Disease | 113 | 3 | 1 - 9 | 99 | 3 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 121 | 2 | 0 - 11 | 115 | 1 | 0 - 8 |
| Neuropsychiatric/Sensory Disease | 73 | 1 | 0 - 12 | 67 | 0 | 0 - 10 |
| Urologic Disease | 61 | 3 | 0 - 31 | 68 | 0 | 0 - 14 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 130 |
| Occupancy Rate (%): | 62 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 168 |
| Percent of Physicians Who Are Board Certified Specialists: | 83 |
| Interns and Residents: | 0 |
| Registered Nurses: | 137 |
| Licensed Practical Nurses: | 25 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

"Your Health Is Our Concern"

PALOMAR POMERADO HOSPITAL DISTRICT
A PUBLIC ENTITY

President and Chief Executive Officer ROBERT M. EDWARDS

POMERADO HOSPITAL

Executive Vice President Administrator VICTORIA M. PENLAND

October 7, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Pomerado Hospital, #050636

To Whom It May Concern:

On behalf of Pomerado Hospital, I would like to take this opportunity to comment on the Statistical Report released by the Health Care Finance Administration regarding Medicare mortality data.

Review of the Pomerado Hospital statistics reveals Pomerado's actual mortality rate for each diagnostic category listed in the report falls well within the range of predicted mortality.

As always, Pomerado Hospital is committed to providing the best possible patient care. In doing so, Pomerado Hospital maintains a hospitalwide Quality Assurance Program to monitor the quality of patient care on an ongoing basis. The Quality Assurance Program includes a monthly review of all mortality cases. The Medical Staff, Administration, and hospital personnel participate in the program, which is ultimately accountable to the Board of Directors.

Any questions regarding the above should be directed to the office of Administration, (619) 485-4600.

Sincerely,

Victoria M. Penland

Victoria M. Penland
Administrator
Chief Operating Officer
Pomerado Hospital

VMP:sdw
cc: Robert M. Edwards
Mel Knoepp
Anita Reisman
Pam Williams

15645 POMERADO ROAD, POWAY, CALIFORNIA 92064 (619) 485-6511

# POMONA VALLEY COMM HOSP

1798 N GAREY AVE
POMONA, CA 91767

Medicare Hospital Provider Number: 050231

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,746 | 13 | 11 - 15 | 2,709 | 13 | 10 - 15 |
| Cancer | 92 | 49 | 30 - 54 | 89 | 51 | 33 - 58 |
| Cerebrovascular Accidents | 109 | 28 | 17 - 36 | 122 | 37 | 20 - 39 |
| Gastrointestinal Catastrophes | 35 | 37 | 16 - 52 | 34 | 44 | 18 - 55 |
| Infectious Disease | 40 | 32 | 19 - 52 | 37 | 49 | 20 - 55 |
| Metabolic/Electrolyte Disorders | 34 | 29 | 11 - 46 | 36 | 22 | 11 - 43 |
| Pulmonary Disease | 154 | 31 | 18 - 36 | 143 | 27 | 18 - 36 |
| Renal Failure | 10 | 60 | 7 - 71 | 9 | 33 | 8 - 73 |
| Severe Acute Heart Disease | 166 | 33 | 28 - 46 | 87 | 43 | 32 - 54 |
| Severe Chronic Heart Disease | 143 | 25 | 16 - 32 | 135 | 22 | 18 - 34 |
| Severe Trauma | 7 | 29 | 7 - 71 | 6 | 17 | 6 - 70 |
| Gastrointestinal Disease | 154 | 3 | 1 - 9 | 164 | 7 | 1 - 11 |
| Gynecologic Disease | 25 | 0 | 0 -100 | 19 | 0 | 0 -100 |
| Low-Risk Heart Disease | 426 | 5 | 2 - 7 | 388 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 245 | 1 | 1 - 5 | 270 | 2 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 106 | 1 | 0 - 9 | 116 | 5 | 0 - 14 |
| Urologic Disease | 97 | 0 | 0 - 10 | 106 | 4 | 0 - 13 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 389 |
| Occupancy Rate (%): | 77 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 313 |
| Percent of Physicians Who Are Board Certified Specialists: | 71 |
| Interns and Residents: | 0 |
| Registered Nurses: | 495 |
| Licensed Practical Nurses: | 60 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

POMONA VALLEY COMMUNITY HOSPITAL

October 18, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We appreciate the opportunity to review the recently released mortality data. We value the opportunity to review our performance so that we may continue to provide the highest quality of care to our patients. It is our belief that monitoring mortality data aids us in identifying areas of concern, thus we applaud HCFA's continual efforts to refine the methodology. We also feel fortunate to have been selected as a participant in the ongoing validation study. It is our intention to assist wherever possible in the development of valid quality of care measures.

Naturally, we do not consider mortality data to be the sole indicator of the quality of a healthcare institution. We are, however, pleased that Pomona Valley Community Hospital's current data is well within the expected ranges.

Sincerely,

Robert W. Burwell
President

1798 N. GAREY AVENUE · POMONA, CALIFORNIA 91767 · 714-865-9500

# PORTERVILLE DEVELOPMENTAL CTR

P.O. BOX 2000
PORTERVILLE, CA 93258

Medicare Hospital Provider Number: 050546

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 89 | 1 | 2 - 9 | 126 | 1 | 1 - 7 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 4 | 0 | 0 - 97 |
| Pulmonary Disease | 21 | 5 | 2 - 33 | 17 | 6 | 1 - 40 |
| Renal Failure | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Severe Acute Heart Disease | 2 | 0 | 4 - 88 | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 6 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 21 | 0 | 0 -100 | 34 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 6 | 0 | 0 -100 | 6 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 1,286 |
| Occupancy Rate (%): | 92 |
| Ownership/Control: | State Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 19 |
| Percent of Physicians Who Are Board Certified Specialists: | 63 |
| Interns and Residents: | 0 |
| Registered Nurses: | 71 |
| Licensed Practical Nurses: | 676 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

MEDICARE PROVIDER NO. 050546

STATE OF CALIFORNIA—HEALTH AND WELFARE AGENCY
GEORGE DEUKMEJIAN, *Governor*

DEPARTMENT OF DEVELOPMENTAL SERVICES

35 · YEARS OF CARING COMMITMENT
Porterville
DEVELOPMENTAL CENTER

**PORTERVILLE DEVELOPMENTAL CENTER**
P.O. BOX 2000, PORTERVILLE, CA 93258-2000
(209) 782-2222
TDD (209) 781-7822

October 21, 1988

Health Standards and Quality Bureau, HCFA
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

Attention: Sandra Kappert

Gentlemen:

Porterville Developmental Center is a state owned and operated facility for the long-term care and treatment of the developmentally disabled of all ages. Our licensed bed capacity is 1286, consisting of 66 general acute care, 423 skilled nursing care, and 297 intermediate care beds.

It is noted the diagnostic category with one of the highest number of discharges is Pulmonary Disease. For five consecutive years, this has been our leading cause of admission as determined by the discharge diagnosis.

The 1% mortality rate for Medicare discharges is consistent with the rate for the entire facility.

Sincerely,

PORTERVILLE DEVELOPMENTAL CENTER

Dorothy Lewis

Dorothy Lewis, A.R.T.
Clinical Records Director

DL:bjh

## PRESBYTERIAN INTERCOMMUNITY HOSP

12401 E WASHINGTON BLVD
WHITTIER, CA 90602

Medicare Hospital Provider Number: 050169

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,562 | 11 | 10 - 14 | 2,758 | 12 | 10 - 14 |
| Cancer | 100 | 48 | 28 - 52 | 122 | 43 | 31 - 53 |
| Cerebrovascular Accidents | 96 | 25 | 19 - 38 | 108 | 30 | 19 - 38 |
| Gastrointestinal Catastrophes | 34 | 26 | 18 - 53 | 27 | 26 | 15 - 52 |
| Infectious Disease | 51 | 31 | 20 - 50 | 37 | 30 | 23 - 56 |
| Metabolic/Electrolyte Disorders | 39 | 28 | 12 - 45 | 33 | 33 | 13 - 49 |
| Pulmonary Disease | 109 | 28 | 17 - 37 | 136 | 28 | 19 - 37 |
| Renal Failure | 8 | 25 | 11 - 75 | 6 | 50 | 10 - 82 |
| Severe Acute Heart Disease | 90 | 39 | 27 - 49 | 90 | 33 | 26 - 48 |
| Severe Chronic Heart Disease | 137 | 21 | 16 - 31 | 149 | 21 | 16 - 31 |
| Severe Trauma | 9 | 0 | 11 - 52 | 2 | 50 | 1 - 94 |
| Gastrointestinal Disease | 155 | 3 | 1 - 8 | 177 | 6 | 1 - 10 |
| Gynecologic Disease | 24 | 0 | 0 -100 | 29 | 0 | 0 -100 |
| Low-Risk Heart Disease | 386 | 4 | 2 - 6 | 446 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 257 | 4 | 1 - 7 | 287 | 3 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 106 | 2 | 0 - 11 | 134 | 1 | 1 - 8 |
| Urologic Disease | 103 | 3 | 0 - 27 | 73 | 3 | 0 - 18 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 330 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 308 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 17 |
| Registered Nurses: | 246 |
| Licensed Practical Nurses: | 48 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

PRESBYTERIAN
INTERCOMMUNITY
HOSPITAL
*A Regional Hospital and Health Center*

Medicare Provider #050169

*12401 Washington Boulevard*
*Whittier, California 90602-1099*
*(213) 698-0811*

October 18, 1988

Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Review
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Ms. Kappert:

Thank you for the opportunity to respond to the release of data on mortality statistics for the calendar year 1987.

On an on-going basis, medical staff committees review mortalities in our facility for appropriateness of care. Our DRG Coordinator has validated that, with minor exceptions, the data you have collected is accurate.

Based on the comprehensive review of HCFA's data and the specific medical records which it reflects, we think you, and any member of the public who requests a copy of our statistical information, will be interested in the following findings:

> In the category of Trauma, we are below the predicted range of mortality.
>
> In fifteen (15) of the sixteen (16) remaining categories, we are near or below midpoint of the predicted range of mortality.
>
> In the Cancer category, we are within the predicted range of mortality. The higher number within the predicted range is due to the following:
>
> > Presbyterian Intercommunity Hospital has the only oncology unit in the Whittier area. We are approved by the American College of Surgeons as a Comprehensive Community Cancer Center. All of the patients who

expired in this category were in advanced stages of their disease and, in 83% of these cases, the patient and/or family requested that no resuscitative measures or mechanical means of life support be instituted during the stay.

Again, thank you for the opportunity to present this response.

Sincerely,

Skillman

Richard J. Skillman
Executive Vice President

P.S. The hospital is licensed for 358 beds and has been for a number of years.

## PROVIDENCE HOSP

3012 SUMMIT ST
OAKLAND, CA 94623

Medicare Hospital Provider Number: 050053

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,163 | 13 | 11 - 15 | 2,573 | 14 | 11 - 16 |
| Cancer | 63 | 41 | 31 - 59 | 95 | 46 | 30 - 55 |
| Cerebrovascular Accidents | 103 | 29 | 16 - 35 | 126 | 29 | 20 - 38 |
| Gastrointestinal Catastrophes | 17 | 47 | 19 - 66 | 22 | 41 | 17 - 59 |
| Infectious Disease | 36 | 42 | 17 - 52 | 23 | 39 | 17 - 58 |
| Metabolic/Electrolyte Disorders | 64 | 22 | 11 - 39 | 78 | 29 | 15 - 41 |
| Pulmonary Disease | 112 | 33 | 20 - 40 | 138 | 25 | 19 - 37 |
| Renal Failure | 13 | 38 | 15 - 74 | 21 | 14 | 15 - 65 |
| Severe Acute Heart Disease | 67 | 36 | 27 - 51 | 92 | 28 | 31 - 52 |
| Severe Chronic Heart Disease | 142 | 20 | 17 - 32 | 135 | 20 | 17 - 32 |
| Severe Trauma | 8 | 38 | 5 - 69 | 5 | 20 | 5 - 75 |
| Gastrointestinal Disease | 106 | 5 | 1 - 12 | 122 | 4 | 1 - 11 |
| Gynecologic Disease | 14 | 0 | 0 -100 | 11 | 0 | 0 - 97 |
| Low-Risk Heart Disease | 185 | 3 | 2 - 8 | 207 | 6 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 212 | 3 | 1 - 7 | 292 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 46 | 2 | 0 - 20 | 77 | 4 | 0 - 18 |
| Urologic Disease | 131 | 1 | 0 - 7 | 127 | 2 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 223 |
| Occupancy Rate (%): | 67 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 278 |
| Percent of Physicians Who Are Board Certified Specialists: | 80 |
| Interns and Residents: | 0 |
| Registered Nurses: | 244 |
| Licensed Practical Nurses: | 30 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# QUEEN OF ANGELS MEDICAL CENTER

2301 BELLEVUE AVE
LOS ANGELES, CA 90026

Medicare Hospital Provider Number: 050268

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,363 | 16 | 14 - 19 | 1,363 | 16 | 14 - 19 |
| Cancer | 31 | 23 | 27 - 59 | 25 | 52 | 29 - 69 |
| Cerebrovascular Accidents | 53 | 30 | 15 - 41 | 51 | 25 | 18 - 43 |
| Gastrointestinal Catastrophes | 13 | 23 | 19 - 67 | 11 | 45 | 15 - 70 |
| Infectious Disease | 47 | 26 | 24 - 53 | 53 | 36 | 30 - 60 |
| Metabolic/Electrolyte Disorders | 38 | 29 | 11 - 45 | 39 | 31 | 11 - 45 |
| Pulmonary Disease | 104 | 22 | 22 - 41 | 88 | 26 | 22 - 43 |
| Renal Failure | 8 | 63 | 21 - 87 | 18 | 22 | 12 - 66 |
| Severe Acute Heart Disease | 61 | 56 | 35 - 61 | 41 | 44 | 36 - 67 |
| Severe Chronic Heart Disease | 99 | 25 | 19 - 37 | 101 | 28 | 17 - 36 |
| Severe Trauma | 1 | 100 | 0 - 97 | 2 | 50 | 2 - 92 |
| Gastrointestinal Disease | 64 | 8 | 0 - 28 | 77 | 4 | 1 - 15 |
| Gynecologic Disease | 4 | 25 | 0 - 99 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 162 | 6 | 2 - 10 | 148 | 3 | 2 - 9 |
| Musculoskeletal/Skin Conditions | 66 | 2 | 1 - 12 | 82 | 1 | 1 - 9 |
| Neuropsychiatric/Sensory Disease | 17 | 0 | 0 - 48 | 15 | 0 | 0 - 89 |
| Urologic Disease | 45 | 4 | 0 - 24 | 57 | 4 | 0 - 19 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

| | |
|---|---|
| Total Beds (#): | 404 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 216 |
| Licensed Practical Nurses: | 31 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## QUEEN OF THE VALLEY

1000 TRANCAS ST
NAPA, CA 94558

Medicare Hospital Provider Number: 050009

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,720 | 14 | 11 - 16 | 1,885 | 15 | 12 - 16 |
| Cancer | 77 | 45 | 29 - 54 | 88 | 45 | 27 - 52 |
| Cerebrovascular Accidents | 64 | 36 | 17 - 41 | 75 | 35 | 19 - 42 |
| Gastrointestinal Catastrophes | 18 | 44 | 13 - 59 | 19 | 37 | 15 - 60 |
| Infectious Disease | 35 | 43 | 21 - 56 | 45 | 36 | 24 - 56 |
| Metabolic/Electrolyte Disorders | 23 | 13 | 8 - 43 | 31 | 16 | 10 - 42 |
| Pulmonary Disease | 143 | 27 | 20 - 38 | 141 | 22 | 18 - 35 |
| Renal Failure | 21 | 29 | 13 - 65 | 21 | 29 | 14 - 68 |
| Severe Acute Heart Disease | 59 | 37 | 27 - 54 | 63 | 60 | 30 - 55 |
| Severe Chronic Heart Disease | 60 | 18 | 16 - 37 | 78 | 32 | 14 - 36 |
| Severe Trauma | 8 | 25 | 6 - 67 | 6 | 33 | 4 - 74 |
| Gastrointestinal Disease | 85 | 5 | 1 - 14 | 91 | 5 | 1 - 14 |
| Gynecologic Disease | 32 | 0 | 0 -100 | 12 | 0 | 0 -100 |
| Low-Risk Heart Disease | 156 | 4 | 1 - 9 | 232 | 2 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 157 | 3 | 0 - 9 | 188 | 4 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 30 | 7 | 0 - 68 | 44 | 2 | 0 - 28 |
| Urologic Disease | 59 | 2 | 0 - 21 | 61 | 0 | 0 - 12 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 180 |
| Occupancy Rate (%): | 70 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 111 |
| Percent of Physicians Who Are Board Certified Specialists: | 52 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## QUEEN OF THE VALLEY HOSP

1115 S SUNSET AVE
WEST COVINA, CA 91790

Medicare Hospital Provider Number: 050369

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,629 | 17 | 12 - 16 | 1,720 | 15 | 12 - 17 |
| Cancer | 54 | 50 | 26 - 55 | 60 | 62 | 35 - 63 |
| Cerebrovascular Accidents | 111 | 35 | 17 - 36 | 91 | 35 | 18 - 39 |
| Gastrointestinal Catastrophes | 18 | 44 | 16 - 62 | 12 | 42 | 14 - 67 |
| Infectious Disease | 54 | 44 | 21 - 51 | 45 | 40 | 22 - 54 |
| Metabolic/Electrolyte Disorders | 20 | 25 | 5 - 49 | 24 | 25 | 13 - 51 |
| Pulmonary Disease | 88 | 38 | 17 - 39 | 92 | 29 | 16 - 38 |
| Renal Failure | 22 | 41 | 14 - 67 | 15 | 53 | 22 - 81 |
| Severe Acute Heart Disease | 74 | 55 | 28 - 53 | 76 | 38 | 26 - 50 |
| Severe Chronic Heart Disease | 110 | 28 | 15 - 33 | 103 | 18 | 16 - 33 |
| Severe Trauma | 4 | 0 | 3 - 72 | 4 | 0 | 10 - 75 |
| Gastrointestinal Disease | 97 | 2 | 1 - 10 | 103 | 1 | 1 - 8 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Low-Risk Heart Disease | 228 | 3 | 1 - 7 | 261 | 2 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 137 | 2 | 0 - 11 | 150 | 3 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 19 | 0 | 0 - 92 | 32 | 3 | 0 - 67 |
| Urologic Disease | 50 | 2 | 0 - 48 | 55 | 5 | 0 - 37 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 268 |
| Occupancy Rate (%): | 76 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 249 |
| Percent of Physicians Who Are Board Certified Specialists: | 61 |
| Interns and Residents: | 0 |
| Registered Nurses: | 280 |
| Licensed Practical Nurses: | 82 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

A Catholic
Healthcare
Facility

**Queen of the Valley Hospital**

James E. Haden
President/CEO

October 21, 1988

RE: PROVIDER #050369

William L. Roper, M.D.
Administrator
Department of Health & Human Services
Health Care Financing Administration
Washington, D.C. 20201

Dear Dr. Roper:

We appreciate the opportunity to review and respond to the HCFA mortality data which has been compiled. We wish to have the following comments included with the public information release of mortality rates in December, 1988.

## QUEEN OF THE VALLEY HOSPITAL STATEMENT

### Provider Profile

Queen of the Valley Hospital is a non-profit 272 bed gen acute care hospital that serves a community population of approximately 500,000. The hospital's emergency service is exceptionally active, providing treatment to approximately 42,000 patients during 1987. Almost 20% of these patients required subsequent hospitalization. Through December of 1987 the facility was a designated Level II Trauma Center encompassing a service population of over 800,000 within an approximate 135 square mile area.

### Mortality Rate Review

Of the sixteen reported HCFA Diagnostic Categories for the 1987 calendar year, Queen of the Valley Hospital exceeded the HCFA predicted mortality rate in one classification, "Severe Acute Heart Disease". The actual rate for this category was one percent greater than the predicted range. Although all other specific categories were within the HCFA predicted ranges, an intensified medical re-review was initiated upon receipt of this data in the "Cerebral Vascular Accident" and "Pulmonary Disease" categories, as well as for "Severe Acute Heart Disease" cases. While mortality review was previously performed on each of these cases as part of the Medical Staff's on-going quality assurance process, this reassessment focused on patterns of care within HCFA's diagnostic groupings.

*1115 South Sunset Avenue, West Covina, CA 91793. P.O. Box 1980. Telephone 818-962-4011*

Severe Acute Heart Disease : A total of 41 patients expired within this category. The following factors were pertinent to severity of illness and outcome:

| | # Pts. | % Pts. |
|---|---|---|
| Mortality within 24 hrs. of admission | 14 | 34% |
| Ventilator dependent | 12 | 29% |
| Patient/family request for non-resuscitation | 8 | 20% |
| Admitted through Emergency/Paramedic | 23 | 56% |

Over 50% of these patients suffered massive infarcts and/or cardiac arrest either prior to arrival at the hospital or in the Emergency Department. Significant complication and/or comorbidity was present in virtually all cases. Chart review indicated appropriate quality of care in all cases with non-preventable mortality outcomes.

Cerebral Vascular Accidents : A total of 39 patients expired within this category. The following factors were pertinent to severity of illness and outcome:

| | # Pts. | % Pts. |
|---|---|---|
| Comatose at admission | 12 | 31% |
| 3 or more major comorbidities present | 36 | 92% |
| Ventilator dependent | 15 | 38% |
| Patient/family request for non-resuscitation | 19 | 49% |
| Admitted through Emergency/Paramedic | 29 | 74% |

As noted, 74% of these patients were admitted through the Emergency Department and 31% of these cases were comatose at admission. Chart review indicated appropriate quality of care in all cases with non-preventable mortality outcomes.

Pulmonary Disease : A total of 33 patients expired within this category. The following factors were pertinent to severity of illness and outcome:

| | # Pts. | % Pts. |
|---|---|---|
| Terminal Cancer, CVA, or CHF comorbidity | 3 | 9% |
| Renal failure present | 9 | 27% |
| Ventilator dependent | 9 | 27% |
| Patient/family request for non-resuscitation | 14 | 42% |
| Admitted through Emergency/Paramedic | 29 | 88% |

Fifty three percent of these patients were greater than 80 years of age, and 36% had a terminal secondary diagnosis present. Chart review indicated appropriate quality of care in all cases with non-preventable mortality outcomes.

General Impression: The overall volume of Emergency Department activity at Queen of the Valley Hospital ranks it among the most active in Southern California. The high percentage of Emergency Department admissions within the HCFA patient categories reflects significantly increased patient severity levels and high mortality risks. The hospital's actual HCFA mortality rate for "All Causes" was reflective of the high severity of patients admitted within the three diagnostic groupings reviewed.

The Hospital's Board of Trustees, Administration, Medical and professional staff are committed to the provision of high quality care and actively support a comprehensive hospital-wide quality assurance program. The hospital has welcomed the opportunity to assess the HCFA data.

Sincerely,

James E. Haden

James E. Haden
President

JEH:TB/ms

## RALPH K DAVIES MEDICAL CENTER

CASTRO DUBOCE STS
SAN FRANCISCO, CA 94114

Medicare Hospital Provider Number: 050008

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 770 | 16 | 12 - 18 | 866 | 11 | 11 - 16 |
| Cancer | 40 | 45 | 28 - 61 | 32 | 28 | 26 - 59 |
| Cerebrovascular Accidents | 40 | 30 | 13 - 42 | 43 | 23 | 19 - 46 |
| Gastrointestinal Catastrophes | 7 | 43 | 9 - 74 | 12 | 42 | 13 - 67 |
| Infectious Disease | 22 | 41 | 19 - 60 | 20 | 25 | 16 - 57 |
| Metabolic/Electrolyte Disorders | 4 | 0 | 0 - 90 | 7 | 29 | 0 - 81 |
| Pulmonary Disease | 44 | 39 | 13 - 43 | 67 | 28 | 16 - 40 |
| Renal Failure | 7 | 57 | 7 - 77 | 3 | 33 | 2 - 88 |
| Severe Acute Heart Disease | 48 | 54 | 29 - 58 | 30 | 23 | 25 - 56 |
| Severe Chronic Heart Disease | 44 | 18 | 13 - 37 | 41 | 17 | 15 - 40 |
| Severe Trauma | 2 | 0 | 1 - 90 | 1 | 0 | 1 - 97 |
| Gastrointestinal Disease | 39 | 3 | 0 - 30 | 54 | 2 | 2 - 13 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 58 | 3 | 0 - 18 | 87 | 2 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 87 | 2 | 1 - 11 | 87 | 0 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 33 | 0 | 0 - 31 | 38 | 5 | 0 - 33 |
| Urologic Disease | 26 | 0 | 0 - 48 | 25 | 0 | 0 - 52 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 180 |
| Occupancy Rate (%): | 67 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 147 |
| Percent of Physicians Who Are Board Certified Specialists: | 63 |
| Interns and Residents: | 10 |
| Registered Nurses: | 179 |
| Licensed Practical Nurses: | 26 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

DAVIES MEDICAL CENTER

October 20, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Health Standards & Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Hospital ID# 050008

Dear Dr. Roper:

Thank you for the opportunity to respond to the release of data on hospital mortality rates for Medicare patients discharged from Davies Medical Center in 1987.

The information received has been reviewed by the Chief of the Medical Staff, the Physician Chairs of the Utilization Review and Quality Assurance Committees, and Hospital Administration. The Director of Medical Records has validated the mortality rates which are verifiable and found it to be accurate.

The data supplied under Hospital Characteristic have been verified as accurate with the exception of the percentage of physicians who are Board Certified. Our response to the AHA Guide for 1987 lacked updated Medical Staff Board Certification information. Actual percentage of physicians who are Board Certified was 87% for 1987.

The Medical Staff of Davies Medical Center, as has been their practice, will continue to review all mortality cases for quality and appropriateness of care rendered to the individual patient. Trending analysis from these reviews is utilized to assist in identifying opportunities to improve care. It is to be noted that the mortality data provided for the patients admitted to Davies Medical Center demonstrates that actual mortality rates are well within the nationally predicted mortality ranges for the second consecutive year.

Please include this letter with the publication of the mortality data for Davies Medical Center.

Sincerely,

Helen I. Fuson

Helen I. Fuson
Vice President Clinical & Diagnostic Services

HIF:ll

Castro & Duboce, San Francisco, California 94114 (415) 565-6779

## RANCHO ENCINO HOSP

5333 BALBOA BLVD
ENCINO, CA 91316

Medicare Hospital Provider Number: 050650

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 634 | 15 | 12 - 19 | 616 | 16 | 12 - 18 |
| Cancer | 23 | 35 | 26 - 65 | 18 | 72 | 25 - 67 |
| Cerebrovascular Accidents | 19 | 32 | 13 - 54 | 17 | 18 | 13 - 51 |
| Gastrointestinal Catastrophes | 6 | 100 | 17 - 67 | 6 | 0 | 11 - 63 |
| Infectious Disease | 9 | 56 | 12 - 71 | 9 | 22 | 11 - 65 |
| Metabolic/Electrolyte Disorders | 13 | 15 | 6 - 52 | 14 | 43 | 10 - 61 |
| Pulmonary Disease | 59 | 27 | 22 - 46 | 44 | 30 | 17 - 45 |
| Renal Failure | 1 | 100 | 3 -100 | 5 | 80 | 13 - 85 |
| Severe Acute Heart Disease | 24 | 42 | 26 - 65 | 23 | 39 | 26 - 65 |
| Severe Chronic Heart Disease | 40 | 32 | 12 - 42 | 40 | 20 | 16 - 42 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 -100 |
| Gastrointestinal Disease | 26 | 0 | 0 - 26 | 15 | 7 | 0 - 66 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 55 | 7 | 0 - 26 | 44 | 7 | 1 - 24 |
| Musculoskeletal/Skin Conditions | 64 | 2 | 0 - 14 | 80 | 6 | 0 - 20 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Urologic Disease | 28 | 4 | 1 - 26 | 19 | 11 | 0 - 96 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1981

| | |
|---|---|
| Total Beds (#): | 102 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 143 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## REDBUD COMMUNITY HOSPITAL

18TH AVE AND HIGHWAY 53
CLEARLAKE HIGHLANDS, CA 95422

Medicare Hospital Provider Number: 050539

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 436 | 10 | 10 - 17 | 515 | 13 | 10 - 17 |
| Cancer | 8 | 38 | 13 - 74 | 12 | 42 | 19 - 71 |
| Cerebrovascular Accidents | 18 | 6 | 14 - 43 | 22 | 23 | 11 - 47 |
| Gastrointestinal Catastrophes | 7 | 14 | 8 - 66 | 8 | 38 | 9 - 71 |
| Infectious Disease | 13 | 31 | 15 - 64 | 5 | 20 | 6 - 75 |
| Metabolic/Electrolyte Disorders | 9 | 11 | 3 - 57 | 15 | 7 | 12 - 48 |
| Pulmonary Disease | 32 | 25 | 11 - 43 | 48 | 21 | 11 - 36 |
| Renal Failure | 2 | 50 | 5 - 94 | 3 | 33 | 13 - 96 |
| Severe Acute Heart Disease | 19 | 47 | 18 - 62 | 32 | 63 | 24 - 58 |
| Severe Chronic Heart Disease | 25 | 4 | 14 - 36 | 28 | 18 | 11 - 41 |
| Severe Trauma | 3 | 33 | 2 - 87 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 27 | 0 | 0 - 26 | 27 | 0 | 0 - 23 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 50 | 2 | 1 - 16 | 63 | 2 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 32 | 0 | 0 - 24 | 46 | 7 | 0 - 57 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Urologic Disease | 15 | 0 | 1 - 36 | 11 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 40 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## REDDING MEDICAL CENTER

1100 BUTTE STREET
REDDING, CA 96001

Medicare Hospital Provider Number: 050312

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,521 | 10 | 7 - 12 | 1,292 | 10 | 7 - 12 |
| Cancer | 35 | 34 | 23 - 57 | 29 | 45 | 21 - 58 |
| Cerebrovascular Accidents | 55 | 24 | 15 - 39 | 36 | 28 | 15 - 45 |
| Gastrointestinal Catastrophes | 17 | 47 | 16 - 64 | 13 | 31 | 11 - 62 |
| Infectious Disease | 5 | 40 | 5 - 78 | 7 | 43 | 13 - 77 |
| Metabolic/Electrolyte Disorders | 21 | 19 | 8 - 47 | 10 | 20 | 4 - 59 |
| Pulmonary Disease | 53 | 30 | 14 - 41 | 50 | 28 | 11 - 38 |
| Renal Failure | 6 | 67 | 7 - 78 | 6 | 50 | 18 - 90 |
| Severe Acute Heart Disease | 68 | 38 | 22 - 47 | 55 | 44 | 22 - 50 |
| Severe Chronic Heart Disease | 62 | 27 | 14 - 37 | 52 | 19 | 14 - 37 |
| Severe Trauma | 5 | 40 | 4 - 78 | 2 | 0 | 2 - 89 |
| Gastrointestinal Disease | 94 | 4 | 0 - 17 | 86 | 2 | 0 - 12 |
| Gynecologic Disease | 58 | 0 | 0 -100 | 31 | 0 | 0 -100 |
| Low-Risk Heart Disease | 252 | 1 | 1 - 5 | 198 | 2 | 1 - 6 |
| Musculoskeletal/Skin Conditions | 207 | 1 | 0 - 6 | 145 | 1 | 0 - 8 |
| Neuropsychiatric/Sensory Disease | 20 | 10 | 0 - 97 | 18 | 0 | 0 - 89 |
| Urologic Disease | 88 | 0 | 0 - 11 | 72 | 0 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 174 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 152 |
| Percent of Physicians Who Are Board Certified Specialists: | 82 |
| Interns and Residents: | 0 |
| Registered Nurses: | 196 |
| Licensed Practical Nurses: | 44 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

October 14, 1988 MEDICARE PROVIDER #: 050312

REDDING
MEDICAL
CENTER

William Roper, M.D.
Administrator
Health Care Financing Administration
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Bldg.
6325 Security Blvd
Baltimore, Maryland 21207

RE: MORTALITY INFORMATION ---- 1987

The following comments are provided for your disclosure with Redding Medical Center's mortality data to requesting parties.

We have had an opportunity to review the HCFA data and specific medical records of the cases included.

In conjunction with the Medical Record Department and the Quality Assurance Department, the Department's of the Medical Staff have reviewed every death case of hospitalized patients as part of their ongoing quality of care evaluations.

Through review of the HCFA data, the statistics indicate that Redding Medical Center had a death rate of 10% in 1986 and in 1987 which is within the predicted range for hospitals within similar patient mix. The HCFA data shows that for hospitals with patients like Redding Medical Center's the mortality rate is predicted to be between 7% and 12%.

Redding Medical Center is a 174 bed acute facility whose patient mix includes many patients with major medical and surgical illnesses. We offer services in specialty areas of cardiac surgery & cardiology, oncology, neurosurgery, orthopedic surgery, rehabilitative medicine, as well as general medicine and surgery.

P.O. Box 2458
1100 Butte Street
Redding, CA 96099-2458
(916) 244-5400

A National Medical Enterprises Health Care Facility

The Medical Staff at Redding Medical Center conducts an intensive review of the medical record of every patient who expires at this facility regarding medical management and overall care. Mortality review is an ongoing process of the Quality Assurance Program and peer review activities are an integral part of the monitoring of the healthcare delivery system at this hospital. The Joint Commission of Accreditation of Hospitals has again granted a full accreditation which is reflective of our continuous effort and success in providing quality patient care to the community we serve.

Redding Medical Center is pleased with the high level of care it is able to provide our large Medicare population.

Thank you for the opportunity to present this response. If you or anyone receiving this information has additional questions, please do not hesitate to call (916) 244 - 5454.

Sincerely,

Gerald E. Knepp,
Chief Executive Officer

Wm Coad MD
William Coad, M.D.
Chairman, Quality Assurance

William McCabe, M.D.
Chief of Staff

mh

## REDLANDS COMM HOSP

350 TERRACINA BLVD
REDLANDS, CA 92373

Medicare Hospital Provider Number: 050272

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,255 | 13 | 10 - 14 | 1,872 | 15 | 10 - 15 |
| Cancer | 65 | 38 | 24 - 51 | 54 | 37 | 24 - 53 |
| Cerebrovascular Accidents | 116 | 30 | 17 - 36 | 85 | 22 | 20 - 40 |
| Gastrointestinal Catastrophes | 23 | 35 | 16 - 57 | 20 | 65 | 16 - 60 |
| Infectious Disease | 18 | 39 | 12 - 57 | 14 | 50 | 13 - 63 |
| Metabolic/Electrolyte Disorders | 62 | 32 | 13 - 42 | 54 | 33 | 13 - 44 |
| Pulmonary Disease | 114 | 37 | 17 - 38 | 114 | 39 | 17 - 38 |
| Renal Failure | 5 | 60 | 7 - 82 | 5 | 20 | 12 - 83 |
| Severe Acute Heart Disease | 96 | 33 | 28 - 49 | 75 | 44 | 30 - 54 |
| Severe Chronic Heart Disease | 95 | 21 | 14 - 32 | 77 | 25 | 15 - 36 |
| Severe Trauma | 0 | - | - | 2 | 50 | 3 - 92 |
| Gastrointestinal Disease | 101 | 8 | 1 - 15 | 100 | 6 | 1 - 14 |
| Gynecologic Disease | 30 | 0 | 0 -100 | 31 | 0 | 0 -100 |
| Low-Risk Heart Disease | 187 | 5 | 1 - 9 | 140 | 1 | 1 - 6 |
| Musculoskeletal/Skin Conditions | 263 | 2 | 1 - 6 | 229 | 4 | 0 - 9 |
| Neuropsychiatric/Sensory Disease | 28 | 14 | 0 - 99 | 30 | 10 | 0 - 91 |
| Urologic Disease | 190 | 1 | 0 - 7 | 154 | 0 | 0 - 6 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 195 |
| Occupancy Rate (%): | 58 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 124 |
| Percent of Physicians Who Are Board Certified Specialists: | 76 |
| Interns and Residents: | 0 |
| Registered Nurses: | 173 |
| Licensed Practical Nurses: | 15 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**REDLANDS COMMUNITY HOSPITAL**

October 18, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
Hospital Mortality Information
P.O. Box 26684
Baltimore, MD 21207

Dear Doctor Roper:

This letter is in response to HCFA's request for comment on the data report for Redlands Community Hospital (RCH) dated September 15, 1988, which covers the admission period from January 1, 1987 through December 31, 1987.

Our Medical Record, Utilization Review and appropriate medical staff departments have conducted reviews of this data and corresponding medical records in the one category where the RCH mortality rate is near the top of HCFA's predicted range of mortality. The following are specific comments on these findings which will allow more accurate interpretation of our hospital's data for HCFA and others who are interested in information about Redlands Community Hospital.

HCFA's model categorizes deaths within 30 days of admission as they relate to a principal admitting diagnosis. However, patient deaths are often due to other conditions in addition to the principal diagnosis for which they were admitted. The HCFA statistics included a number of deaths that occurred for reasons other than that for which they were admitted to Redlands Community Hospital.

An example of inconsistencies that result from HCFA's attempting to relate the principal admitting diagnosis with the reason for death is evident in the pulmonary disease category. The following data relate to the deaths that were classified in the pulmonary disease category. In 32 of the cases we reviewed there were other diseases which were major contributors to the cause of death, listed as follows.

*350 Terracina Boulevard, P.O. Box 3391*
*Redlands, California 92373-0742*
*(714) 793-3101. Telefax (714) 793-2167*

*A subsidiary of RHS Corp.*

In eight (8) deaths the patients also had significant cardiac disease;

In six (6) deaths the patients also had significant cerebral vascular disease;

In six (6) deaths the patients also had significant malignancy, including lung cancer and leukemia;

In two (2) deaths the patients also had significant renal failure;

In three (3) deaths the patients also had significant gastrointestinal disease and other reasons for death including Legionnaires Disease, Diabetes and Parkinson's Disease;

In three (3) deaths the patient's had end-stage respiratory disease and requested only supportive care and not aggressive measures.

The above information reveals the limitation of the HCFA model in the pulmonary disease category and it may be similarly limited to other diagnostic categories.

As previously mentioned, Redlands Community Hospitals actual mortality rates for all categories are within the range of predicted mortality. However, it is the opinion of Redlands Community Hospital that these statistics do not accurately reflect the quality and appropriateness of medical care. We have in place a comprehensive program which reviews appropriateness of care on a routine and systematic basis utilizing a team which includes Medical Staff, Nursing and management personnel. All patient deaths are reviewed for appropriateness of care on a case by case basis. The reason for deaths in the pulmonary disease category has low correlation with the principal admitting diagnosis and the HCFA model is unable to correct for the multiple factors that influence the risk of death such as severity of illness and the patient' previous health status.

We appreciate this opportunity to respond to your findings and invite you or any member of the public receiving this material to call me at (714) 793-3101 if I may answer additional questions.

Sincerely,

Gary Cottongim
President

SF/bj

## REDWOOD MEMORIAL HOSPITAL

3300 RENNER DRIVE
FORTUNA, CA 95540

Medicare Hospital Provider Number: 050172

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 492 | 14 | 8 - 15 | 453 | 17 | 10 - 18 |
| Cancer | 14 | 36 | 13 - 61 | 15 | 53 | 17 - 65 |
| Cerebrovascular Accidents | 25 | 20 | 9 - 42 | 18 | 17 | 12 - 49 |
| Gastrointestinal Catastrophes | 10 | 50 | 9 - 67 | 5 | 20 | 10 - 77 |
| Infectious Disease | 4 | 25 | 3 - 80 | 4 | 25 | 6 - 81 |
| Metabolic/Electrolyte Disorders | 8 | 25 | 3 - 66 | 8 | 50 | 5 - 69 |
| Pulmonary Disease | 22 | 9 | 12 - 41 | 29 | 34 | 13 - 48 |
| Renal Failure | 0 | - | - | 5 | 60 | 12 - 86 |
| Severe Acute Heart Disease | 21 | 33 | 16 - 56 | 31 | 45 | 24 - 59 |
| Severe Chronic Heart Disease | 26 | 38 | 8 - 45 | 20 | 45 | 8 - 51 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 27 | 0 | 0 - 55 | 28 | 7 | 0 - 83 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 57 | 7 | 0 - 28 | 54 | 4 | 1 - 19 |
| Musculoskeletal/Skin Conditions | 51 | 6 | 0 - 38 | 47 | 2 | 0 - 24 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Urologic Disease | 5 | 0 | 0 -100 | 5 | 20 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 47 |
| Occupancy Rate (%): | 51 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## RIDEOUT MEM HOSP

726 4TH ST
MARYSVILLE, CA 95901

Medicare Hospital Provider Number: 050133

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,292 | 14 | 9 - 14 | 1,318 | 16 | 10 - 15 |
| Cancer | 33 | 52 | 24 - 60 | 38 | 50 | 28 - 61 |
| Cerebrovascular Accidents | 63 | 27 | 16 - 39 | 72 | 43 | 17 - 41 |
| Gastrointestinal Catastrophes | 11 | 27 | 11 - 63 | 14 | 29 | 14 - 62 |
| Infectious Disease | 14 | 36 | 13 - 62 | 13 | 23 | 12 - 60 |
| Metabolic/Electrolyte Disorders | 27 | 22 | 16 - 52 | 27 | 22 | 9 - 45 |
| Pulmonary Disease | 79 | 23 | 17 - 38 | 86 | 24 | 15 - 36 |
| Renal Failure | 8 | 75 | 20 - 83 | 2 | 100 | 9 - 93 |
| Severe Acute Heart Disease | 32 | 50 | 22 - 57 | 45 | 56 | 25 - 54 |
| Severe Chronic Heart Disease | 74 | 31 | 14 - 36 | 74 | 27 | 14 - 36 |
| Severe Trauma | 10 | 40 | 11 - 68 | 5 | 60 | 6 - 79 |
| Gastrointestinal Disease | 79 | 4 | 0 - 16 | 73 | 3 | 1 - 12 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 157 | 2 | 1 - 7 | 149 | 3 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 133 | 3 | 0 - 10 | 107 | 6 | 1 - 14 |
| Neuropsychiatric/Sensory Disease | 36 | 8 | 0 - 52 | 34 | 9 | 0 - 73 |
| Urologic Disease | 87 | 1 | 0 - 12 | 79 | 1 | 0 - 23 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 124 |
| Occupancy Rate (%): | 63 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 97 |
| Percent of Physicians Who Are Board Certified Specialists: | 69 |
| Interns and Residents: | 0 |
| Registered Nurses: | 77 |
| Licensed Practical Nurses: | 52 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

RIDEOUT
MEMORIAL HOSPITAL
UCMS

October 11, 1988

HCFA
Health Standards and Quality Bureau
Meadows East Bldg., 2-D-2
6325 Security Blvd.,
Baltimore, Maryland 21207

Attention: Sandra Kappert

Dear Ms. Kappert:

Please note the corrections indicated on the attached sheet concerning physician staff (total number and percentage who are Board Certified). I have also noted our hospital's bed count by service classification as this information appears to be incomplete on the data sheet provided by HCFA.

Sincerely,

Phyllis Lauro

PHYLLIS LAURO
Director of Planning
and Program Development

PL:jm

A- DIVISION OF UCMS • P.O. BOX 2128 • 726 FOURTH STREET, MARYSVILLE, CA 95901 • (916) 742-7381

## RIDGECREST COMM HOSP

1081 N CHINA LAKE BLVD
RIDGECREST, CA 93555

Medicare Hospital Provider Number: 050448

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 502 | 13 | 8 - 15 | 477 | 9 | 8 - 14 |
| Cancer | 12 | 67 | 17 - 68 | 14 | 43 | 13 - 63 |
| Cerebrovascular Accidents | 15 | 33 | 8 - 55 | 14 | 14 | 12 - 52 |
| Gastrointestinal Catastrophes | 2 | 50 | 1 - 93 | 4 | 75 | 11 - 85 |
| Infectious Disease | 6 | 33 | 4 - 73 | 2 | 50 | 5 - 94 |
| Metabolic/Electrolyte Disorders | 12 | 25 | 8 - 59 | 5 | 0 | 1 - 73 |
| Pulmonary Disease | 29 | 17 | 11 - 41 | 27 | 4 | 12 - 34 |
| Renal Failure | 0 | - | - | 2 | 50 | 3 - 93 |
| Severe Acute Heart Disease | 17 | 47 | 23 - 68 | 15 | 33 | 17 - 63 |
| Severe Chronic Heart Disease | 38 | 18 | 14 - 40 | 30 | 10 | 12 - 37 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 54 | 2 | 2 - 13 | 40 | 2 | 0 - 28 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 70 | 6 | 1 - 17 | 65 | 0 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 39 | 0 | 0 - 35 | 35 | 3 | 0 - 72 |
| Neuropsychiatric/Sensory Disease | 13 | 0 | 0 - 64 | 6 | 0 | 0 -100 |
| Urologic Disease | 7 | 0 | 0 - 87 | 9 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 72 |
| Occupancy Rate (%): | 52 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 18 |
| Percent of Physicians Who Are Board Certified Specialists: | 22 |
| Interns and Residents: | 0 |
| Registered Nurses: | 39 |
| Licensed Practical Nurses: | 28 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## RIO HONDO MEM HOSP

8300 E TELEGRAPH ROAD
DOWNEY, CA 90240

Medicare Hospital Provider Number: 050258

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 843 | 16 | 12 - 18 | 865 | 14 | 10 - 16 |
| Cancer | 30 | 30 | 20 - 54 | 31 | 58 | 25 - 61 |
| Cerebrovascular Accidents | 30 | 30 | 18 - 51 | 32 | 19 | 12 - 41 |
| Gastrointestinal Catastrophes | 12 | 8 | 12 - 53 | 11 | 18 | 10 - 59 |
| Infectious Disease | 17 | 35 | 17 - 62 | 19 | 37 | 16 - 60 |
| Metabolic/Electrolyte Disorders | 36 | 17 | 12 - 43 | 19 | 26 | 4 - 49 |
| Pulmonary Disease | 110 | 35 | 18 - 38 | 59 | 32 | 16 - 42 |
| Renal Failure | 9 | 22 | 11 - 73 | 10 | 40 | 15 - 78 |
| Severe Acute Heart Disease | 23 | 43 | 24 - 64 | 17 | 29 | 22 - 64 |
| Severe Chronic Heart Disease | 52 | 21 | 12 - 35 | 41 | 44 | 15 - 46 |
| Severe Trauma | 2 | 50 | 1 - 94 | 1 | 100 | 2 - 97 |
| Gastrointestinal Disease | 42 | 2 | 0 - 24 | 48 | 8 | 0 - 45 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 78 | 1 | 1 - 10 | 96 | 1 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 58 | 3 | 0 - 18 | 68 | 0 | 0 - 9 |
| Neuropsychiatric/Sensory Disease | 13 | 0 | 0 - 98 | 19 | 11 | 0 - 81 |
| Urologic Disease | 29 | 0 | 0 - 83 | 34 | 3 | 0 - 36 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 100 |
| Occupancy Rate (%): | 46 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 213 |
| Percent of Physicians Who Are Board Certified Specialists: | 61 |
| Interns and Residents: | 0 |
| Registered Nurses: | 64 |
| Licensed Practical Nurses: | 15 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Rio Hondo
HOSPITAL

8300 East Telegraph Road, Downey, California 90240, Telephone: (213) 806-1821 or (714) 521-9371

Medicare Provider # 050258

RE: Response to Medicare Mortality Information for Rio Hondo Hospital.

COMMENT: The 1988 data, compared to 1987 data, reveals a reduction of the actual mortality rate percentages in 62.5% of the diagnostic categories.

Rio Hondo Hospital feels that these reductions in mortality substantiate the continued effort of all employees to provide good quality of care to our patients.

## RIVERSIDE COMMUNITY HOSP

4445 MAGNOLIA AVE
RIVERSIDE, CA 92501

Medicare Hospital Provider Number: 050022

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,362 | 14 | 11 - 15 | 2,589 | 12 | 10 - 15 |
| Cancer | 104 | 47 | 29 - 52 | 110 | 39 | 29 - 52 |
| Cerebrovascular Accidents | 128 | 33 | 19 - 37 | 129 | 29 | 19 - 36 |
| Gastrointestinal Catastrophes | 21 | 38 | 16 - 59 | 16 | 56 | 14 - 62 |
| Infectious Disease | 32 | 28 | 18 - 52 | 32 | 13 | 18 - 48 |
| Metabolic/Electrolyte Disorders | 36 | 22 | 11 - 44 | 40 | 25 | 9 - 41 |
| Pulmonary Disease | 127 | 26 | 17 - 35 | 141 | 11 | 15 - 30 |
| Renal Failure | 13 | 38 | 12 - 71 | 18 | 33 | 12 - 68 |
| Severe Acute Heart Disease | 109 | 30 | 30 - 50 | 109 | 44 | 30 - 51 |
| Severe Chronic Heart Disease | 126 | 19 | 16 - 32 | 139 | 29 | 16 - 33 |
| Severe Trauma | 5 | 40 | 4 - 78 | 6 | 0 | 10 - 62 |
| Gastrointestinal Disease | 115 | 4 | 1 - 12 | 155 | 2 | 1 - 7 |
| Gynecologic Disease | 22 | 0 | 0 -100 | 29 | 0 | 0 -100 |
| Low-Risk Heart Disease | 272 | 4 | 1 - 7 | 288 | 2 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 230 | 1 | 1 - 6 | 256 | 2 | 0 - 6 |
| Neuropsychiatric/Sensory Disease | 79 | 4 | 1 - 15 | 78 | 1 | 0 - 14 |
| Urologic Disease | 110 | 1 | 0 - 10 | 86 | 3 | 0 - 19 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 375 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 325 |
| Licensed Practical Nurses: | 34 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

RIVERSIDE
COMMUNITY
HOSPITAL
*Growing With Our Community*

October 11, 1988

Health Standards and Quality Bureau, HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Blvd.
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The MediCare Hospital Mortality Information for 1987 has been received and reviewed.

Riverside Community Hospital's actual thirty day mortality rate again fell within the predicted ranges for the sixteen diagnostic categories.

While Riverside Community Hospital approves of HCFA's public education goals, we are concerned that the quality of patient care can not be defined or compared utilizing only actual and predicted mortality rates. Mortality review is but one facet of our hospital wide quality assessment program which directs focused attention to significant complications, unexpected deaths, and unanticipated outcomes of patient care.

We believe that any meaningful evaluation of the quality of care must include a measurement of the patient's severity of illness in order to evaluate the effect of medical care upon the natural course of the disease. We are looking forward to HCFA's selection of a system of severity of illness classification so that future publications of hospital mortality information will have real clinical relevance and provide meaningful information to the health care industry and to the consuming public.

Sincerely yours,

David W. Patton

David W. Patton - President
Chief Executive Officer

DWP:co

*Affiliated with Community Health Corporation*

**4445 Magnolia Avenue, Riverside, CA 92501, Telephone 714-788-3000**

## RIVERSIDE COMMUNITY HOSP-KNOLLWOOD C

5900 BROCKTON AVENUE
RIVERSIDE, CA 92506

Medicare Hospital Provider Number: 050119

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 0 | - | - | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 0 | - | - |
| Musculoskeletal/Skin Conditions | 0 | - | - | 0 | - | - |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 71 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 17 |
| Licensed Practical Nurses: | 3 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## RIVERSIDE GEN HOSP-UNIV MED CENTER

9851 MAGNOLIA AVE
RIVERSIDE, CA 92503

Medicare Hospital Provider Number: 050292

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 727 | 17 | 8 - 14 | 832 | 18 | 8 - 14 |
| Cancer | 14 | 57 | 25 - 74 | 12 | 33 | 17 - 68 |
| Cerebrovascular Accidents | 30 | 50 | 7 - 44 | 28 | 68 | 12 - 47 |
| Gastrointestinal Catastrophes | 7 | 43 | 11 - 75 | 7 | 43 | 9 - 74 |
| Infectious Disease | 14 | 57 | 14 - 64 | 19 | 68 | 14 - 57 |
| Metabolic/Electrolyte Disorders | 13 | 38 | 2 - 60 | 26 | 27 | 7 - 46 |
| Pulmonary Disease | 45 | 38 | 13 - 43 | 50 | 48 | 16 - 45 |
| Renal Failure | 1 | 100 | 2 - 98 | 5 | 60 | 5 - 81 |
| Severe Acute Heart Disease | 30 | 50 | 22 - 57 | 25 | 60 | 18 - 56 |
| Severe Chronic Heart Disease | 32 | 28 | 13 - 45 | 41 | 17 | 12 - 37 |
| Severe Trauma | 5 | 20 | 7 - 76 | 4 | 25 | 3 - 80 |
| Gastrointestinal Disease | 15 | 7 | 0 - 75 | 23 | 17 | 0 - 91 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 48 | 4 | 0 - 22 | 56 | 5 | 0 - 30 |
| Musculoskeletal/Skin Conditions | 51 | 0 | 0 - 12 | 72 | 8 | 0 - 62 |
| Neuropsychiatric/Sensory Disease | 161 | 1 | 0 - 11 | 176 | 2 | 0 - 9 |
| Urologic Disease | 16 | 6 | 0 - 99 | 21 | 14 | 0 - 97 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 312 |
| Occupancy Rate (%): | 75 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 39 |
| Percent of Physicians Who Are Board Certified Specialists: | 100 |
| Interns and Residents: | 24 |
| Registered Nurses: | 267 |
| Licensed Practical Nurses: | 107 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

RIVERSIDE GENERAL HOSPITAL
University Medical Center
A Teaching Hospital
9851 Magnolia Avenue
Riverside, California 92503
(714) 351-7116

50 YEAR MEMBER AMERICAN HOSPITAL ASSOCIATION
OFFICE OF THE ADMINISTRATOR

October 14, 1988

HOSPITAL ID: 050292

Health Standards and Quality Bureau, HCFA
ATTENTION: MRS. SANDRA KAPPERT
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: **MEDICAL HOSPITAL MORTALITY INFORMATION (1987)**

Gentlemen:

I would like to take this opportunity to thank you for giving us the opportunity to review and respond to the mortality information concerning Medicare patients who were treated in 1987 at Riverside General Hospital-University Medical Center.

Riverside General Hospital is a 358 bed, County-owned hospital that is responsible for the care of indigent patients. Our death from cerebral vascular accidents exceeded the predicted mortality of 44 percent by 6 percent. An analysis of the deaths indicates that 20 percent died the day of admission and 60 percent died before the end of the second day of hospitalization. Most of these patients were admitted from nursing homes in a terminal or pre-terminal state.

Also, we have identified an additional six patients, who were discharged and billed to Medicare with a diagnosis of cerebral vascular accident, who were not noted on the Medicare list. This increase in denominator would bring our mortality well within the predicted range.

In addition, the number of beds is listed on the printout as 182 with Federal instead of County ownership.

Respectfully submitted,

Dale B Sparks, MD

Dale B. Sparks, M.D.
Chief of Medical Staff

DBS:er

*Established in 1893*
*A Department of the County of Riverside, A Public Entity*
*Accredited by the Joint Commission on Accreditation of Hospitals*

## ROBERT F. KENNEDY MEDICAL CENTER

11711 GREVILLEA AVE
HAWTHORNE, CA 90250

Medicare Hospital Provider Number: 050420

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,120 | 18 | 12 - 17 | 1,130 | 14 | 11 - 16 |
| Cancer | 23 | 65 | 28 - 67 | 29 | 48 | 23 - 61 |
| Cerebrovascular Accidents | 56 | 36 | 16 - 42 | 51 | 29 | 17 - 43 |
| Gastrointestinal Catastrophes | 15 | 20 | 13 - 57 | 19 | 37 | 15 - 59 |
| Infectious Disease | 33 | 27 | 23 - 56 | 20 | 35 | 21 - 64 |
| Metabolic/Electrolyte Disorders | 26 | 31 | 9 - 48 | 21 | 19 | 6 - 46 |
| Pulmonary Disease | 72 | 53 | 16 - 41 | 56 | 27 | 17 - 43 |
| Renal Failure | 5 | 40 | 5 - 81 | 9 | 56 | 12 - 78 |
| Severe Acute Heart Disease | 38 | 61 | 30 - 61 | 46 | 57 | 26 - 55 |
| Severe Chronic Heart Disease | 85 | 24 | 15 - 34 | 57 | 12 | 17 - 36 |
| Severe Trauma | 3 | 0 | 2 - 80 | 2 | 50 | 1 - 92 |
| Gastrointestinal Disease | 45 | 2 | 1 - 17 | 54 | 2 | 1 - 15 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 140 | 4 | 1 - 10 | 124 | 8 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 82 | 6 | 1 - 16 | 103 | 4 | 0 - 13 |
| Neuropsychiatric/Sensory Disease | 21 | 0 | 0 - 28 | 24 | 0 | 0 - 85 |
| Urologic Disease | 32 | 3 | 0 - 57 | 39 | 0 | 0 - 32 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 235 |
| Occupancy Rate (%): | 60 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 509 |
| Percent of Physicians Who Are Board Certified Specialists: | 55 |
| Interns and Residents: | 0 |
| Registered Nurses: | 109 |
| Licensed Practical Nurses: | 19 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# ROSEVILLE COMMUNITY HOSPITAL

333 SUNRISE AVE
ROSEVILLE, CA 95678

Medicare Hospital Provider Number: 050309

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,996 | 13 | 11 - 16 | 1,880 | 13 | 11 - 15 |
| Cancer | 84 | 49 | 29 - 54 | 82 | 41 | 31 - 56 |
| Cerebrovascular Accidents | 78 | 24 | 17 - 38 | 70 | 24 | 17 - 38 |
| Gastrointestinal Catastrophes | 27 | 44 | 18 - 57 | 18 | 17 | 19 - 58 |
| Infectious Disease | 55 | 40 | 23 - 52 | 31 | 19 | 21 - 54 |
| Metabolic/Electrolyte Disorders | 36 | 19 | 12 - 43 | 42 | 19 | 8 - 38 |
| Pulmonary Disease | 115 | 27 | 17 - 36 | 110 | 33 | 16 - 36 |
| Renal Failure | 11 | 45 | 8 - 71 | 8 | 50 | 13 - 81 |
| Severe Acute Heart Disease | 69 | 35 | 25 - 49 | 68 | 47 | 30 - 55 |
| Severe Chronic Heart Disease | 107 | 14 | 18 - 33 | 86 | 15 | 16 - 33 |
| Severe Trauma | 6 | 50 | 6 - 76 | 9 | 11 | 8 - 59 |
| Gastrointestinal Disease | 123 | 1 | 1 - 7 | 112 | 2 | 1 - 8 |
| Gynecologic Disease | 17 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 235 | 3 | 2 - 7 | 268 | 7 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 165 | 3 | 1 - 8 | 161 | 1 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 42 | 5 | 0 - 44 | 36 | 3 | 0 - 36 |
| Urologic Disease | 75 | 0 | 0 - 12 | 77 | 4 | 0 - 24 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 234 |
| Occupancy Rate (%): | 62 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 106 |
| Percent of Physicians Who Are Board Certified Specialists: | 71 |
| Interns and Residents: | 0 |
| Registered Nurses: | 190 |
| Licensed Practical Nurses: | 26 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ROSS GEN HOSP

1150 SIR FRANCIS DRAKE BLVD
ROSS, CA 94957

Medicare Hospital Provider Number: 050134

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 416 | 12 | 9 - 16 | 582 | 15 | 10 - 17 |
| Cancer | 12 | 42 | 18 - 70 | 16 | 50 | 18 - 65 |
| Cerebrovascular Accidents | 24 | 21 | 15 - 48 | 32 | 28 | 17 - 48 |
| Gastrointestinal Catastrophes | 4 | 50 | 3 - 82 | 7 | 29 | 11 - 73 |
| Infectious Disease | 3 | 0 | 6 - 80 | 7 | 71 | 15 - 77 |
| Metabolic/Electrolyte Disorders | 6 | 17 | 2 - 71 | 10 | 30 | 3 - 63 |
| Pulmonary Disease | 30 | 27 | 13 - 46 | 32 | 44 | 11 - 46 |
| Renal Failure | 2 | 50 | 2 - 92 | 1 | 100 | 2 - 97 |
| Severe Acute Heart Disease | 13 | 46 | 20 - 70 | 26 | 50 | 26 - 63 |
| Severe Chronic Heart Disease | 20 | 15 | 8 - 43 | 26 | 8 | 13 - 38 |
| Severe Trauma | 1 | 0 | 1 - 97 | 1 | 100 | 0 - 98 |
| Gastrointestinal Disease | 20 | 10 | 0 - 69 | 34 | 0 | 1 - 15 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 42 | 5 | 1 - 24 | 42 | 5 | 0 - 28 |
| Musculoskeletal/Skin Conditions | 62 | 3 | 0 - 19 | 84 | 2 | 0 - 13 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 -100 | 13 | 0 | 0 - 87 |
| Urologic Disease | 10 | 10 | 0 - 95 | 9 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 147 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

ROSS
HOSPITAL
PSYCHIATRIC AND
CHEMICAL DEPENDENCY SERVICES

October 21, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to respond to the data provided on Ross General Hospital's mortality statistics for the period January 1, 1987 through December 31, 1987.

Ross General Hospital was a 193 bed acute care facility, which provided general medical, surgical, chemical dependency, psychiatric, and skilled nursing services to a large, predominantly Medicare population. In February of 1988, Ross General discontinued it's acute medical, surgical, and skilled nursing services. It is now licensed as a free-standing psychiatric facility providing psychiatric and chemical dependency services only under a new name, Ross Hospital.

The Medical Records Coordinator has validated that the information you provided is accurate. As you have indicated, none of the actual mortality rates fall outside of the predicted mortality rates. These statistics in conjunction with our review of the mortality cases suggest that our facility did provide a high quality of medical, surgical, and skilled nursing services.

The Medical Staff at Ross General Hospital conducted an extensive review of every patient who expired at our facility for overall quality of care. Mortality review was an ongoing process of the Quality Assurance Program at Ross General, and peer review activities were an integral part of the monitoring of the healthcare delivery system at Ross General. We believe that our review process provided a continous feedback mechanism which allowed us to meet and exceed quality of care standards.

As Ross Hospital continues to provide psychiatric and chemical dependency services to the community, the Medical Staff will assure through the Quality Assurance Program, that only the highest of quality care standards are maintained.

1111 SIR FRANCIS DRAKE BLVD. • KENTFIELD, CA 94904 • (415) 258-6900
TDD (415) 258-6944

Again, thank you for allowing us to respond to the HCFA mortality statistics for Ross General Hospital.

Sincerely,

Joan L. McCready, RN

Joan L. McCready, R.N.
Coordinator,
Quality Control and Utilization Review

# ROSS-LOOS HOSP OF LOS ANGELES

1711 W TEMPLE ST
LOS ANGELES, CA 90026

Medicare Hospital Provider Number: 050619

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,002 | 12 | 11 - 16 | 1,036 | 12 | 10 - 16 |
| Cancer | 56 | 46 | 25 - 54 | 40 | 42 | 25 - 57 |
| Cerebrovascular Accidents | 56 | 9 | 19 - 36 | 49 | 18 | 17 - 41 |
| Gastrointestinal Catastrophes | 10 | 30 | 9 - 65 | 10 | 40 | 11 - 68 |
| Infectious Disease | 17 | 24 | 13 - 56 | 12 | 25 | 15 - 64 |
| Metabolic/Electrolyte Disorders | 15 | 33 | 10 - 58 | 21 | 38 | 13 - 56 |
| Pulmonary Disease | 53 | 30 | 17 - 44 | 51 | 27 | 17 - 43 |
| Renal Failure | 9 | 67 | 15 - 79 | 10 | 50 | 6 - 72 |
| Severe Acute Heart Disease | 27 | 22 | 23 - 55 | 21 | 29 | 23 - 61 |
| Severe Chronic Heart Disease | 48 | 15 | 16 - 38 | 57 | 23 | 17 - 40 |
| Severe Trauma | 4 | 0 | 5 - 71 | 2 | 100 | 7 - 91 |
| Gastrointestinal Disease | 43 | 9 | 1 - 28 | 51 | 4 | 1 - 17 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 113 | 4 | 1 - 11 | 149 | 3 | 3 - 10 |
| Musculoskeletal/Skin Conditions | 77 | 1 | 1 - 10 | 79 | 3 | 0 - 14 |
| Neuropsychiatric/Sensory Disease | 37 | 0 | 0 - 18 | 29 | 7 | 0 - 52 |
| Urologic Disease | 53 | 2 | 0 - 56 | 66 | 0 | 0 - 12 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 145 |
| Occupancy Rate (%): | 66 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 109 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

CIGNA Hospital of Los Angeles, Inc.

1711 West Temple Street
Los Angeles, CA 90026
(213) 413-1313

CIGNA

ID #050619
CIGNA Hospital
of Los Angeles

October 21, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

## MEDICARE HOSPITAL MORTALITY DATA

Report Comments:

Data corrections - The name of the hospital was changed in 1984 to CIGNA HOSPITAL OF LOS ANGELES. The hospital does have a coronary care unit and has never had an organ transplant service. The percent of Board Certified Specialists is 89%. The total number of licensed beds is 152, broken down as acute beds 117, skilled nursing facility beds 28, and 7 beds in suspension.

Thank you.

Carolyn B. Asmirian

Carolyn Asmirian, R.N.
Quality Services Director

CA/va

## SACRED HEART HOSP

1025 N DOUTY ST
HANFORD, CA 93230

Medicare Hospital Provider Number: 050196

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 560 | 16 | 11 - 18 | 561 | 17 | 10 - 17 |
| Cancer | 12 | 75 | 24 - 73 | 8 | 50 | 13 - 74 |
| Cerebrovascular Accidents | 12 | 33 | 12 - 62 | 16 | 69 | 13 - 57 |
| Gastrointestinal Catastrophes | 5 | 60 | 4 - 78 | 5 | 60 | 8 - 80 |
| Infectious Disease | 8 | 38 | 10 - 71 | 11 | 9 | 14 - 57 |
| Metabolic/Electrolyte Disorders | 6 | 67 | 4 - 73 | 12 | 17 | 6 - 54 |
| Pulmonary Disease | 32 | 38 | 17 - 51 | 35 | 26 | 10 - 41 |
| Renal Failure | 15 | 40 | 17 - 75 | 12 | 58 | 16 - 77 |
| Severe Acute Heart Disease | 31 | 55 | 23 - 58 | 24 | 54 | 22 - 61 |
| Severe Chronic Heart Disease | 27 | 26 | 9 - 43 | 23 | 26 | 12 - 49 |
| Severe Trauma | 1 | 0 | 0 -100 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 23 | 4 | 0 - 49 | 27 | 7 | 0 - 71 |
| Gynecologic Disease | 8 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 74 | 0 | 2 - 8 | 58 | 3 | 1 - 16 |
| Musculoskeletal/Skin Conditions | 59 | 5 | 0 - 26 | 63 | 5 | 0 - 29 |
| Neuropsychiatric/Sensory Disease | 13 | 0 | 0 - 58 | 12 | 8 | 0 - 99 |
| Urologic Disease | 19 | 0 | 0 - 83 | 22 | 0 | 0 - 35 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 88 |
| Occupancy Rate (%): | 43 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 53 |
| Percent of Physicians Who Are Board Certified Specialists: | 51 |
| Interns and Residents: | 0 |
| Registered Nurses: | 48 |
| Licensed Practical Nurses: | 39 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Sacred Heart Hospital

MEDICARE PROVIDER #05-0196

October 18, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We appreciate the opportunity to comment on the Medicare patients who were treated in our hospital during 1987. We have reviewed the information which was enclosed and wish to provide the following comments:

. mortality review is an activity which has been performed for a number of years and is an integral part of our medical staff activities.

. we do support the principle of communicating appropriate and meaningful quality of care information to people who utilize our hospital.

. our internal review identified one diagnostic category which produced some concern -- cancer. The predicted rate of mortality was from 24% to 73%; our actual mortality rate was 75%. The total number of cases was 12 which raises issues of sample size. The range of patients who died was from 65 to 86 with 50% of the cases being over 75 years of age. Given the diagnostic category and the ages of the patients we wonder about the statistical validity given the small numbers. We would like to note that Sacred Heart Hospital has an active Tumor Board, comprised of physicians from multiple specialties including oncology, which meets monthly to review cancer cases.

In addition, we treated patients who have been cared for many times at another rural facility and are transferred here for their last admission. Some consideration for these kinds of patient episodes should be developed if mortality data is going to be a major factor in quality of care.

*Conducted by the*
*Sisters of the Third Order of St. Dominic, Inc.*

*1025 North Douty Street*
*Hanford, California 93230*
*(209) 583-2100*

Once again we appreciate the opportunity to provide comments on the 1987 mortality data. Should you have any questions or need clarification regarding our comments, please feel free to contact me at (209) 583-2204.

Sincerely yours,

M. Michael Arishita

M. Michael Arishita
President/CEO

cc: J. Cari Elliott, Hospital Council of Central California
Karen Logsdon, Calif. Assoc. of Hospitals & Health Systems
Kaye Via Mickelson, Catholic Health Corporation

## SADDLEBACK HOSPITAL AND HEALTH CENTE

24451 HEALTH CENTER DR
LAGUNA HILLS, CA 92653

Medicare Hospital Provider Number: 050603

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,566 | 12 | 11 - 15 | 3,515 | 12 | 11 - 15 |
| Cancer | 111 | 41 | 31 - 54 | 126 | 48 | 31 - 53 |
| Cerebrovascular Accidents | 186 | 27 | 21 - 36 | 168 | 30 | 20 - 36 |
| Gastrointestinal Catastrophes | 35 | 40 | 23 - 59 | 20 | 10 | 23 - 57 |
| Infectious Disease | 32 | 25 | 23 - 56 | 36 | 17 | 24 - 53 |
| Metabolic/Electrolyte Disorders | 33 | 18 | 12 - 44 | 42 | 5 | 15 - 38 |
| Pulmonary Disease | 137 | 31 | 20 - 39 | 101 | 24 | 20 - 39 |
| Renal Failure | 14 | 50 | 17 - 75 | 18 | 44 | 19 - 75 |
| Severe Acute Heart Disease | 128 | 38 | 34 - 54 | 142 | 38 | 35 - 53 |
| Severe Chronic Heart Disease | 210 | 25 | 18 - 32 | 219 | 20 | 19 - 32 |
| Severe Trauma | 10 | 50 | 10 - 68 | 13 | 54 | 13 - 66 |
| Gastrointestinal Disease | 189 | 2 | 2 - 8 | 158 | 3 | 2 - 8 |
| Gynecologic Disease | 32 | 0 | 0 -100 | 23 | 0 | 0 -100 |
| Low-Risk Heart Disease | 507 | 3 | 3 - 6 | 510 | 4 | 3 - 6 |
| Musculoskeletal/Skin Conditions | 436 | 3 | 2 - 6 | 408 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 98 | 3 | 1 - 12 | 121 | 2 | 1 - 8 |
| Urologic Disease | 131 | 0 | 1 - 5 | 114 | 0 | 1 - 6 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 175 |
| Occupancy Rate (%): | 85 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 163 |
| Percent of Physicians Who Are Board Certified Specialists: | 79 |
| Interns and Residents: | 0 |
| Registered Nurses: | 236 |
| Licensed Practical Nurses: | 4 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**SADDLEBACK HOSPITAL AND HEALTH CENTER**
**YOUR CENTER FOR HEALTH CARE EXCELLENCE**

October 3, 1988

Health Standards and Quality Bureau, HCFA
Att: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Saddleback Hospital and Health Center would like to take this opportunity to respond to HCFA's current release of data on hospital mortality rates and average length of stay.

We feel that anyone looking at this type of information needs to realize that each patient and hospital are different. There are a variety of reasons that a hospital death rate may vary from the state average:

1) the hospital may be treating a much older patient population than other hospitals,

2) more of the hospital's patients may be admitted for complex or high technology care such as open heart surgery or complex cancer care where chances of survival are reduced,

3) a high percentage of a hospital's patients may be admitted through the emergency department. Typically, these patients are much sicker when they are admitted to the hospital, and again, death rates may be higher, and,

4) statistically, a single death of a very ill patient in a small sample can easily skew the hospital's death rate.

The important thing to remember is that death rates do not indicate why a patient died. At Saddleback Hospital and Health Center, all patient deaths are reviewed by physician committees to determine if anything could have been done to improve the care of the patient. This is part of our ongoing Quality Assurance Program, which has been in effect for some time.

Saddleback Hospital and Health Center has always endeavored to provide quality patient care and will continue to do so in the future. If you or anyone receiving this material have additional questions, please do not hesitate to call me at (714) 770-3623.

Sincerely,

James L Ray

James L. Ray, Executive Vice President

## SAINT AGNES HOSP

1303 E HERNDON AVE
FRESNO, CA 93710

Medicare Hospital Provider Number: 050093

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 4,712 | 12 | 10 - 14 | 4,407 | 11 | 10 - 14 |
| Cancer | 228 | 45 | 33 - 52 | 183 | 44 | 33 - 53 |
| Cerebrovascular Accidents | 171 | 25 | 20 - 35 | 157 | 25 | 19 - 35 |
| Gastrointestinal Catastrophes | 55 | 38 | 23 - 54 | 41 | 17 | 21 - 50 |
| Infectious Disease | 53 | 42 | 26 - 56 | 35 | 37 | 21 - 56 |
| Metabolic/Electrolyte Disorders | 27 | 33 | 13 - 51 | 33 | 30 | 16 - 51 |
| Pulmonary Disease | 166 | 25 | 17 - 34 | 178 | 26 | 18 - 35 |
| Renal Failure | 12 | 67 | 21 - 80 | 15 | 53 | 16 - 75 |
| Severe Acute Heart Disease | 194 | 34 | 29 - 45 | 178 | 38 | 30 - 47 |
| Severe Chronic Heart Disease | 220 | 30 | 17 - 31 | 193 | 26 | 16 - 30 |
| Severe Trauma | 8 | 13 | 9 - 63 | 4 | 0 | 9 - 74 |
| Gastrointestinal Disease | 279 | 4 | 1 - 8 | 263 | 2 | 1 - 6 |
| Gynecologic Disease | 66 | 0 | 0 - 97 | 73 | 0 | 0 - 98 |
| Low-Risk Heart Disease | 815 | 4 | 2 - 5 | 781 | 5 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 442 | 1 | 1 - 4 | 401 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 112 | 3 | 0 - 11 | 112 | 2 | 0 - 10 |
| Urologic Disease | 194 | 2 | 1 - 7 | 176 | 2 | 0 - 8 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 320 |
| Occupancy Rate (%): | 82 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 383 |
| Percent of Physicians Who Are Board Certified Specialists: | 82 |
| Interns and Residents: | 0 |
| Registered Nurses: | 447 |
| Licensed Practical Nurses: | 51 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SAINT JUDE HOSP AND REHAB CENTER

101 E VALENCIA MESA DRIVE
FULLERTON, CA 92635

Medicare Hospital Provider Number: 050168

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,217 | 12 | 10 - 14 | 2,334 | 12 | 10 - 14 |
| Cancer | 78 | 44 | 28 - 53 | 102 | 40 | 29 - 53 |
| Cerebrovascular Accidents | 101 | 24 | 21 - 40 | 109 | 31 | 19 - 38 |
| Gastrointestinal Catastrophes | 35 | 31 | 17 - 52 | 28 | 18 | 21 - 55 |
| Infectious Disease | 29 | 38 | 19 - 56 | 31 | 39 | 18 - 55 |
| Metabolic/Electrolyte Disorders | 34 | 38 | 13 - 49 | 37 | 41 | 14 - 50 |
| Pulmonary Disease | 104 | 39 | 18 - 39 | 94 | 24 | 16 - 36 |
| Renal Failure | 4 | 25 | 5 - 82 | 12 | 58 | 12 - 74 |
| Severe Acute Heart Disease | 64 | 19 | 26 - 47 | 69 | 28 | 28 - 51 |
| Severe Chronic Heart Disease | 108 | 31 | 15 - 33 | 123 | 17 | 16 - 31 |
| Severe Trauma | 4 | 50 | 6 - 83 | 3 | 33 | 3 - 86 |
| Gastrointestinal Disease | 136 | 4 | 2 - 10 | 115 | 3 | 1 - 11 |
| Gynecologic Disease | 29 | 0 | 0 -100 | 29 | 0 | 0 -100 |
| Low-Risk Heart Disease | 376 | 2 | 2 - 5 | 457 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 208 | 2 | 1 - 6 | 191 | 2 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 43 | 7 | 0 - 46 | 43 | 5 | 0 - 30 |
| Urologic Disease | 105 | 2 | 0 - 12 | 106 | 1 | 0 - 12 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 301 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

ST. JUDE HOSPITAL AND REHABILITATION CENTER
A Sisters of St. Joseph of Orange Corporation

October 14, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Hospital Mortality Information
P.O.Box 26684
Baltimore, Maryland 21207

Dear Dr. Roper:

Thank you for the opportunity to review the HCFA statistics for 1987. We have evaluated the data you provided with key physicians of our medical staff. Although St. Jude Hospital and Rehabilitation Center did not exceed the predicted range in any of the sixteen categories, we felt it prudent to investigate the two categories reported at the high end of the scale; specifically Pulmonary and Severe Chronic Heart Disease. The following findings are based on that review:

CATEGORY: SEVERE CHRONIC HEART DISEASE

ACTUAL MORTALITY STATISTICS = 31% Predicted Range 15-33%
TOTAL NUMBER OF CASES = 48
MEDIAN AGE = 79.5 yrs.
MULTIPLE ADMISSIONS(5 or more) = 42%
ADMITTED FROM SKILLED NURSING FACILITY = 21%
PATIENTS ADMITTED WITH "DO NOT RESUSCITATE" ORDERS = 81%
DEATH IN HOSPITAL = 42%
DISCHARGED ALIVE = 58%
DISCHARGED HOME = 55%
DISCHARGED SKILLED NURSING FACILITY = 45%

101 East Valencia Mesa Dr., Fullerton, CA 92634 714-871-3280

CATEGORY: PULMONARY DISEASE

ACTUAL MORTALITY STATISTICS = 39% Predicted Range 18-39%
TOTAL NUMBER OF CASES = 50
MEDIAN AGE = 88 yrs.
MULTIPLE ADMISSIONS (5 or more) = 32%
ADMITTED FROM SKILLED NURSING FACILITY = 28%
ADMITTED WITH "DO NOT RESUSCITATE" ORDERS = 26%
DEATH IN HOSPITAL = 62%
DEATH WITHIN 48HRS. OF ADMIT = 16%
PATIENTS WITH SEVERE UNDERLYING OR END STAGE DISEASE = 14%
DISCHARGED ALIVE = 36%
DISCHARGED HOME = 39%
DISCHARGED SKILLED NURSING FACILITY = 61%

St. Jude Hospital and Rehabilitation Center is the primary tertiary care facility in North Orange County. As such we are the primary referral hospital for high risk cardiac patients. Demographically, St. Jude sits in a community with an aging population and has close proximity to several skilled nursing and senior housing facilities. Unlike many of the area hospitals, St. Jude cares for a substantial number of the senior population. In our case review and analysis, we have found that the majority of those deaths reported occured in patients over 85 years old. As a result over 80% of the deaths occuring in the hospital were patients with "Do not resuscitate" orders. Commensurate with our philosophy for patient dignity and respect for life and death, patient and family requests for no resusitation are highly regarded.

While we believe that information on hospital mortality rates is useful, until additional statistical measures are developed to deal with complex issues such as severity of illness, we cannot and do not recommend the use of the information by itself to make judgments about the quality of care in an individual hospital or to make comparisons among hospitals.

Thank you for this opportunity to present this response.

Sincerely,

Paul S. Viviano
President/CEO

PSV:jne
cc: CAHHS
Wm. Dannemeyer
Ed Royce

## SALINAS VALLEY MEM HOSP

450 EAST ROMIE LANE
SALINAS, CA 93901

Medicare Hospital Provider Number: 050334

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,925 | 12 | 10 - 14 | 1,942 | 11 | 10 - 15 |
| Cancer | 84 | 33 | 30 - 55 | 68 | 44 | 26 - 53 |
| Cerebrovascular Accidents | 109 | 25 | 17 - 35 | 80 | 22 | 18 - 38 |
| Gastrointestinal Catastrophes | 19 | 37 | 15 - 59 | 16 | 31 | 12 - 59 |
| Infectious Disease | 41 | 34 | 20 - 53 | 28 | 36 | 19 - 57 |
| Metabolic/Electrolyte Disorders | 35 | 23 | 11 - 45 | 34 | 9 | 13 - 40 |
| Pulmonary Disease | 77 | 26 | 16 - 38 | 96 | 30 | 21 - 42 |
| Renal Failure | 13 | 38 | 12 - 71 | 18 | 22 | 13 - 67 |
| Severe Acute Heart Disease | 47 | 66 | 28 - 57 | 62 | 48 | 28 - 54 |
| Severe Chronic Heart Disease | 91 | 19 | 14 - 32 | 85 | 18 | 16 - 34 |
| Severe Trauma | 3 | 0 | 8 - 82 | 6 | 50 | 4 - 75 |
| Gastrointestinal Disease | 129 | 6 | 1 - 13 | 161 | 2 | 1 - 7 |
| Gynecologic Disease | 24 | 4 | 0 -100 | 18 | 0 | 0 -100 |
| Low-Risk Heart Disease | 190 | 2 | 2 - 6 | 183 | 2 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 181 | 1 | 1 - 5 | 172 | 2 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 33 | 6 | 0 - 45 | 45 | 4 | 0 - 33 |
| Urologic Disease | 134 | 1 | 0 - 8 | 140 | 1 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 214 |
| Occupancy Rate (%): | 71 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 162 |
| Percent of Physicians Who Are Board Certified Specialists: | 72 |
| Interns and Residents: | 0 |
| Registered Nurses: | 200 |
| Licensed Practical Nurses: | 70 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SAMUEL MERRITT HOSP

HAWTHORNE WEBSTER STS
OAKLAND, CA 94609

Medicare Hospital Provider Number: 050043

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,930 | 10 | 10 - 14 | 2,897 | 10 | 10 - 14 |
| Cancer | 79 | 35 | 24 - 49 | 89 | 46 | 30 - 55 |
| Cerebrovascular Accidents | 118 | 22 | 19 - 36 | 97 | 18 | 18 - 36 |
| Gastrointestinal Catastrophes | 16 | 19 | 16 - 58 | 25 | 24 | 17 - 54 |
| Infectious Disease | 24 | 33 | 18 - 58 | 22 | 59 | 22 - 64 |
| Metabolic/Electrolyte Disorders | 54 | 33 | 18 - 49 | 42 | 17 | 16 - 45 |
| Pulmonary Disease | 113 | 26 | 19 - 38 | 105 | 30 | 18 - 39 |
| Renal Failure | 16 | 38 | 12 - 69 | 12 | 17 | 11 - 68 |
| Severe Acute Heart Disease | 98 | 27 | 29 - 49 | 96 | 29 | 30 - 51 |
| Severe Chronic Heart Disease | 126 | 16 | 17 - 32 | 128 | 20 | 18 - 34 |
| Severe Trauma | 8 | 25 | 9 - 68 | 6 | 0 | 12 - 64 |
| Gastrointestinal Disease | 126 | 4 | 1 - 10 | 132 | 5 | 1 - 11 |
| Gynecologic Disease | 36 | 0 | 0 -100 | 19 | 0 | 0 -100 |
| Low-Risk Heart Disease | 504 | 5 | 3 - 7 | 553 | 4 | 3 - 7 |
| Musculoskeletal/Skin Conditions | 376 | 2 | 1 - 5 | 394 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 49 | 2 | 1 - 15 | 51 | 2 | 0 - 17 |
| Urologic Disease | 94 | 2 | 0 - 19 | 50 | 0 | 0 - 12 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 268 |
| Occupancy Rate (%): | 74 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 362 |
| Percent of Physicians Who Are Board Certified Specialists: | 87 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SAN ANTONIO COMMUNITY HOSPITAL

999 SAN BERNARDINO RD
UPLAND, CA 91786

Medicare Hospital Provider Number: 050099

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,335 | 14 | 11 - 16 | 2,381 | 14 | 11 - 16 |
| Cancer | 84 | 48 | 30 - 55 | 79 | 52 | 29 - 54 |
| Cerebrovascular Accidents | 118 | 25 | 21 - 39 | 95 | 34 | 20 - 41 |
| Gastrointestinal Catastrophes | 23 | 52 | 19 - 61 | 14 | 43 | 14 - 64 |
| Infectious Disease | 38 | 42 | 23 - 57 | 24 | 42 | 18 - 59 |
| Metabolic/Electrolyte Disorders | 45 | 42 | 12 - 46 | 28 | 36 | 12 - 50 |
| Pulmonary Disease | 144 | 30 | 17 - 35 | 126 | 31 | 16 - 36 |
| Renal Failure | 10 | 40 | 11 - 74 | 21 | 24 | 22 - 74 |
| Severe Acute Heart Disease | 86 | 33 | 30 - 52 | 113 | 46 | 32 - 52 |
| Severe Chronic Heart Disease | 135 | 29 | 17 - 34 | 140 | 31 | 18 - 35 |
| Severe Trauma | 8 | 25 | 6 - 67 | 2 | 0 | 3 - 88 |
| Gastrointestinal Disease | 174 | 3 | 1 - 8 | 193 | 5 | 2 - 9 |
| Gynecologic Disease | 28 | 0 | 0 -100 | 21 | 0 | 0 -100 |
| Low-Risk Heart Disease | 379 | 3 | 2 - 6 | 396 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 202 | 2 | 1 - 7 | 213 | 1 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 28 | 0 | 0 - 43 | 38 | 0 | 0 - 21 |
| Urologic Disease | 53 | 2 | 0 - 25 | 75 | 1 | 1 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 300 |
| Occupancy Rate (%): | 70 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 230 |
| Percent of Physicians Who Are Board Certified Specialists: | 71 |
| Interns and Residents: | 0 |
| Registered Nurses: | 239 |
| Licensed Practical Nurses: | 110 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

October 20, 1988

San Antonio Community Hospital

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health and Human
Services
Washington, D.C. 20201

Dear Mr. Roper:

Thank you for the opportunity to respond to HCFA's scheduled December, 1988 release of mortality information specific to San Antonio Community Hospital, Medicare provider #050099.

The data used by HCFA indicates that a total of 327 of 2,335 Medicare patients admitted to San Antonio Community Hospital died within 30 days of admission. Of these, 243 died while still a patient of the hospital, while 73 died after discharge. Our own records indicate 3,926 actual Medicare discharges occurred in 1987. The HCFA statistics do not count multiple admissions of the same patient. All of the 254 in-hospital deaths have been verified by the Medical Records Department. It is impossible to verify whether the 73 post-hospitalization deaths actually occurred, as information concerning death after discharge is not included in the patient's medical record. However, our records indicate that all 73 of these patients were discharged alive from San Antonio Community Hospital.

Please also note that the hospital characteristics listed on the Medicare Hospital Mortality Information form are incorrect. San Antonio Community Hospital is a 312 bed institution (not 175 beds) and had an occupancy rate of 69.9% in 1987. Additionally, the Hospital does not operate an organ transplant service.

999 San Bernardino Road Upland. California 91786. 714 985-2811
Approved by the Joint Commission on Accreditation of Hospitals

At San Antonio Community Hospital, the major service departments (Surgery, Medicine, Family Practice, Pediatrics, Obstetrics and Gynecology, Psychiatry and the Emergency Department) continually perform mortality review. These Departments will continue to review deaths that are included in your statistics and will be able to assist us in responding to requests for information that may occur.

We have also utilized our integrated Quality Assurance Program to have the Medical Staff and hospital personnel perform continuing review of the quality and appropriateness of care given at San Antonio Community Hospital. These screening criteria provide a systematic approach for the identification of areas of concern involving the care and treatment patients receive while hospitalized at our facility. Any identified areas of concern, including mortality statistics, that appear higher than the state average, are investigated and the findings and recommendations reported to the Medical Staff, the Administration, and the Board of Trustees. Actions are taken when indicated. This comprehensive and ongoing system for monitoring patients care has been evaluated by several outside agencies during the last three (3) years, including the Joint Commission for Accreditation of Hospitals, and resulted in granting the highest level of accreditation.

Mortality review is only one of several important components of our quality control progam. Our programs are designed to enhance patient safety, and reduce the probability of preventable adverse clinical outcomes. Quality of care is of the utmost concern to the governing boards, medical staff and management of San Antonio Community Hospital.

Again, thank you for the opportunity to present this response. If you or anyone receiving this material have additional questions, please do not hesitate to call me at (714) 985-2811, extension 2111.

Sincerely,

George Kuykendall

George A. Kuykendall
Senior Vice President

cc: David Berry, M.D., President, Medical Staff
Gilbert Turner, M.D., Chairman, Utilization Review
John Thompson, Senior Vice President, Finance
Diane Kirk, R.N., Director, Quality Assurance
Elizabeth Guerra, Director, Medical Records
Kristine R. Isaacs, Vice President, Marketing

## SAN BERNARDINO CO MEDICAL CTR

780 E GILBERT STREET
SAN BERNARDINO, CA 92404

Medicare Hospital Provider Number: 050245

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 553 | 16 | 7 - 14 | 577 | 16 | 8 - 15 |
| Cancer | 9 | 33 | 15 - 72 | 8 | 38 | 9 - 70 |
| Cerebrovascular Accidents | 13 | 31 | 8 - 57 | 18 | 33 | 8 - 52 |
| Gastrointestinal Catastrophes | 4 | 75 | 5 - 80 | 9 | 89 | 12 - 61 |
| Infectious Disease | 14 | 64 | 9 - 59 | 15 | 60 | 11 - 60 |
| Metabolic/Electrolyte Disorders | 16 | 19 | 4 - 50 | 23 | 13 | 7 - 42 |
| Pulmonary Disease | 42 | 43 | 9 - 41 | 42 | 31 | 10 - 40 |
| Renal Failure | 24 | 8 | 1 - 60 | 29 | 14 | 1 - 67 |
| Severe Acute Heart Disease | 18 | 56 | 22 - 66 | 14 | 57 | 18 - 66 |
| Severe Chronic Heart Disease | 26 | 27 | 7 - 42 | 25 | 16 | 10 - 41 |
| Severe Trauma | 13 | 23 | 6 - 57 | 10 | 40 | 7 - 66 |
| Gastrointestinal Disease | 14 | 0 | 0 - 99 | 19 | 0 | 0 - 65 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Low-Risk Heart Disease | 37 | 8 | 0 - 36 | 40 | 0 | 0 - 15 |
| Musculoskeletal/Skin Conditions | 73 | 4 | 0 - 42 | 65 | 2 | 0 - 34 |
| Neuropsychiatric/Sensory Disease | 10 | 0 | 0 -100 | 10 | 0 | 0 - 96 |
| Urologic Disease | 19 | 0 | 0 - 91 | 6 | 0 | 0 - 99 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 286 |
| Occupancy Rate (%): | 69 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 87 |
| Percent of Physicians Who Are Board Certified Specialists: | 77 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## SAN BERNARDINO COMMUNITY HOSPITAL

1500 W 17TH STREET
SAN BERNARDINO, CA 92411

Medicare Hospital Provider Number: 050089

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,469 | 14 | 11 - 16 | 1,545 | 16 | 11 - 16 |
| Cancer | 31 | 52 | 25 - 61 | 45 | 56 | 32 - 63 |
| Cerebrovascular Accidents | 63 | 30 | 18 - 42 | 62 | 34 | 17 - 41 |
| Gastrointestinal Catastrophes | 19 | 42 | 19 - 64 | 14 | 43 | 16 - 66 |
| Infectious Disease | 31 | 29 | 16 - 51 | 41 | 34 | 22 - 54 |
| Metabolic/Electrolyte Disorders | 55 | 25 | 12 - 41 | 56 | 34 | 12 - 42 |
| Pulmonary Disease | 129 | 26 | 16 - 35 | 107 | 31 | 18 - 39 |
| Renal Failure | 15 | 40 | 12 - 70 | 10 | 50 | 10 - 75 |
| Severe Acute Heart Disease | 62 | 37 | 24 - 49 | 51 | 51 | 27 - 55 |
| Severe Chronic Heart Disease | 67 | 22 | 13 - 34 | 76 | 24 | 15 - 36 |
| Severe Trauma | 0 | - | - | 4 | 50 | 5 - 82 |
| Gastrointestinal Disease | 73 | 3 | 1 - 12 | 75 | 4 | 1 - 15 |
| Gynecologic Disease | 28 | 0 | 0 -100 | 20 | 0 | 0 -100 |
| Low-Risk Heart Disease | 184 | 4 | 1 - 8 | 185 | 5 | 2 - 9 |
| Musculoskeletal/Skin Conditions | 127 | 1 | 1 - 7 | 140 | 2 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 40 | 0 | 0 - 17 | 45 | 2 | 0 - 34 |
| Urologic Disease | 65 | 3 | 0 - 32 | 42 | 0 | 0 - 15 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 421 |
| Occupancy Rate (%): | 65 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 197 |
| Percent of Physicians Who Are Board Certified Specialists: | 74 |
| Interns and Residents: | 0 |
| Registered Nurses: | 192 |
| Licensed Practical Nurses: | 61 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SAN CLEMENTE GENERAL HOSPITAL INC

645 CAMINO DE LOS MARES
SAN CLEMENTE, CA 92669

Medicare Hospital Provider Number: 050585

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 959 | 13 | 11 - 16 | 992 | 17 | 13 - 19 |
| Cancer | 30 | 37 | 19 - 55 | 35 | 40 | 23 - 57 |
| Cerebrovascular Accidents | 58 | 34 | 16 - 42 | 65 | 32 | 19 - 43 |
| Gastrointestinal Catastrophes | 17 | 18 | 14 - 55 | 14 | 29 | 16 - 64 |
| Infectious Disease | 15 | 33 | 15 - 62 | 18 | 39 | 21 - 66 |
| Metabolic/Electrolyte Disorders | 23 | 13 | 10 - 45 | 23 | 22 | 13 - 50 |
| Pulmonary Disease | 68 | 26 | 17 - 40 | 60 | 40 | 17 - 44 |
| Renal Failure | 3 | 33 | 11 - 93 | 9 | 56 | 18 - 83 |
| Severe Acute Heart Disease | 37 | 57 | 27 - 59 | 56 | 38 | 26 - 53 |
| Severe Chronic Heart Disease | 50 | 18 | 13 - 36 | 70 | 29 | 14 - 36 |
| Severe Trauma | 2 | 50 | 6 - 94 | 3 | 0 | 7 - 81 |
| Gastrointestinal Disease | 52 | 6 | 1 - 21 | 57 | 5 | 1 - 20 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 126 | 1 | 2 - 7 | 122 | 3 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 67 | 3 | 1 - 14 | 67 | 0 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 12 | 8 | 0 -100 | 24 | 8 | 0 - 77 |
| Urologic Disease | 44 | 5 | 0 - 37 | 29 | 3 | 0 - 64 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 116 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## SAN DIEGO PHYSICIANS SURGEONS HOSP

446 26TH STREET
SAN DIEGO, CA 92102

Medicare Hospital Provider Number: 050649

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 307 | 12 | 8 - 16 | 405 | 15 | 9 - 17 |
| Cancer | 4 | 50 | 6 - 83 | 3 | 100 | 8 - 81 |
| Cerebrovascular Accidents | 13 | 15 | 16 - 58 | 17 | 35 | 9 - 54 |
| Gastrointestinal Catastrophes | 3 | 33 | 2 - 86 | 6 | 67 | 7 - 74 |
| Infectious Disease | 3 | 33 | 6 - 87 | 9 | 33 | 8 - 67 |
| Metabolic/Electrolyte Disorders | 14 | 29 | 7 - 57 | 20 | 20 | 5 - 46 |
| Pulmonary Disease | 23 | 30 | 8 - 47 | 19 | 21 | 11 - 50 |
| Renal Failure | 0 | - | - | 1 | 0 | 0 - 97 |
| Severe Acute Heart Disease | 8 | 63 | 15 - 74 | 24 | 54 | 27 - 66 |
| Severe Chronic Heart Disease | 11 | 36 | 8 - 62 | 20 | 10 | 11 - 42 |
| Severe Trauma | 2 | 0 | 0 - 96 | 0 | - | - |
| Gastrointestinal Disease | 21 | 10 | 0 - 96 | 19 | 0 | 0 - 98 |
| Gynecologic Disease | 0 | - | - | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 23 | 4 | 0 - 44 | 30 | 7 | 0 - 43 |
| Musculoskeletal/Skin Conditions | 33 | 3 | 0 - 84 | 27 | 0 | 0 - 47 |
| Neuropsychiatric/Sensory Disease | 12 | 8 | 0 -100 | 8 | 13 | 0 -100 |
| Urologic Disease | 8 | 0 | 0 -100 | 26 | 0 | 0 - 28 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 156 |
| Occupancy Rate (%): | 87 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 51 |
| Percent of Physicians Who Are Board Certified Specialists: | 69 |
| Interns and Residents: | 0 |
| Registered Nurses: | 72 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SAN DIMAS COMM HOSP

1350 W COVINA BLVD
SAN DIMAS, CA 91773

Medicare Hospital Provider Number: 050588

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 719 | 15 | 10 - 16 | 741 | 13 | 9 - 15 |
| Cancer | 25 | 56 | 21 - 60 | 28 | 46 | 23 - 61 |
| Cerebrovascular Accidents | 37 | 24 | 14 - 43 | 40 | 17 | 14 - 39 |
| Gastrointestinal Catastrophes | 6 | 17 | 5 - 69 | 8 | 50 | 7 - 70 |
| Infectious Disease | 5 | 40 | 8 - 79 | 2 | 0 | 9 - 92 |
| Metabolic/Electrolyte Disorders | 16 | 25 | 6 - 53 | 18 | 11 | 7 - 45 |
| Pulmonary Disease | 43 | 19 | 16 - 42 | 31 | 23 | 16 - 47 |
| Renal Failure | 4 | 50 | 8 - 86 | 1 | 0 | 2 - 97 |
| Severe Acute Heart Disease | 31 | 61 | 23 - 57 | 29 | 59 | 27 - 62 |
| Severe Chronic Heart Disease | 58 | 28 | 14 - 38 | 64 | 27 | 15 - 37 |
| Severe Trauma | 1 | 0 | 0 - 99 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 56 | 4 | 0 - 18 | 67 | 6 | 0 - 33 |
| Gynecologic Disease | 9 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 101 | 2 | 1 - 9 | 105 | 3 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 58 | 3 | 0 - 22 | 57 | 0 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 12 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Urologic Disease | 33 | 0 | 0 - 89 | 46 | 0 | 0 - 24 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 99 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

AMI San Dimas Community Hospital

October 20, 1988 Provider # 050588

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Sirs:

Since receiving the mortality data for San Dimas Community Hospital for the year 1987, it has been carefully reviewed by hospital administration, Chief of our Medical Staff, Chairman of the Utilization Review Committee, UR/DRG Physician Advisors, Medical Records Director, and Director of Quality Assurance and Utilization Review. In all categories noted, the overall percentage of mortality is within the predicted range for our hospital.

Mortality review is an on-going process of the Quality Assurance program, and monitoring of our health care delivery system is supported by peer review activities. We will continue to review all mortality cases for quality and appropriateness of care rendered. In reviewing the mortality data, it was noted that in the majority of cases, the sample size was too small to be of statistical significance. Although descriptor information about each beneficiary has been captured for a variety of patients, i.e., age, sex, admitting diagnosis, previous admissions, transfers, and the presence or absence of selected comorbidities, and actual severity of illness have not been measured in all cases.

San Dimas Community Hospital is a 99-bed acute care facility with more than 400 physicians, registered nurses, and other professional support staff. Eighty percent of the hospital physicians are Board Certified. The hospital recently received the maximum accreditation by the Joint Commission of Accreditation of Hospitals.

Sincerely,

Ruben A. Fernandez

Ruben A. Fernandez
Chief Executive Officer

1350 West Covina Boulevard, San Dimas, California 91773 714 599-6811 818 963-7651

## SAN FERNANDO COMM HOSP

732 MOTT ST
SAN FERNANDO, CA 91340

Medicare Hospital Provider Number: 050199

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 202 | 23 | 8 - 21 | 206 | 19 | 11 - 23 |
| Cancer | 5 | 60 | 6 - 78 | 7 | 57 | 21 - 85 |
| Cerebrovascular Accidents | 5 | 80 | 5 - 74 | 13 | 38 | 9 - 59 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 2 | 100 | 7 - 91 | 9 | 44 | 16 - 75 |
| Metabolic/Electrolyte Disorders | 9 | 11 | 5 - 57 | 7 | 14 | 2 - 66 |
| Pulmonary Disease | 31 | 45 | 13 - 49 | 37 | 35 | 14 - 46 |
| Renal Failure | 2 | 100 | 2 - 90 | 3 | 67 | 13 - 98 |
| Severe Acute Heart Disease | 7 | 71 | 13 - 74 | 4 | 75 | 3 - 80 |
| Severe Chronic Heart Disease | 7 | 14 | 3 - 64 | 10 | 30 | 4 - 61 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 11 | 0 | 0 - 99 | 7 | 0 | 0 -100 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 19 | 11 | 0 - 77 | 20 | 0 | 0 - 41 |
| Musculoskeletal/Skin Conditions | 10 | 10 | 0 -100 | 15 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Urologic Disease | 8 | 0 | 0 -100 | 5 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 69 |
| Occupancy Rate (%): | 29 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 20 |
| Percent of Physicians Who Are Board Certified Specialists: | 55 |
| Interns and Residents: | 0 |
| Registered Nurses: | 21 |
| Licensed Practical Nurses: | 2 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SAN FRANCISCO GEN HOSP

1001 POTRERO AVE
SAN FRANCISCO, CA 94110

Medicare Hospital Provider Number: 050228

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,159 | 15 | 9 - 14 | 1,204 | 15 | 10 - 15 |
| Cancer | 30 | 43 | 23 - 60 | 41 | 29 | 24 - 54 |
| Cerebrovascular Accidents | 66 | 32 | 14 - 38 | 50 | 38 | 16 - 43 |
| Gastrointestinal Catastrophes | 15 | 40 | 12 - 61 | 22 | 36 | 14 - 56 |
| Infectious Disease | 19 | 47 | 8 - 54 | 22 | 59 | 16 - 59 |
| Metabolic/Electrolyte Disorders | 18 | 28 | 2 - 52 | 17 | 0 | 9 - 36 |
| Pulmonary Disease | 44 | 23 | 11 - 38 | 54 | 28 | 11 - 37 |
| Renal Failure | 4 | 0 | 1 - 78 | 10 | 40 | 7 - 72 |
| Severe Acute Heart Disease | 55 | 42 | 27 - 54 | 54 | 56 | 29 - 56 |
| Severe Chronic Heart Disease | 65 | 12 | 13 - 31 | 45 | 22 | 15 - 40 |
| Severe Trauma | 21 | 52 | 11 - 56 | 24 | 46 | 9 - 53 |
| Gastrointestinal Disease | 53 | 8 | 0 - 30 | 36 | 8 | 0 - 89 |
| Gynecologic Disease | 6 | 17 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 73 | 4 | 1 - 14 | 71 | 4 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 169 | 4 | 0 - 13 | 210 | 5 | 0 - 10 |
| Neuropsychiatric/Sensory Disease | 60 | 0 | 0 - 11 | 53 | 0 | 0 - 13 |
| Urologic Disease | 15 | 0 | 0 - 99 | 34 | 3 | 0 - 40 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 444 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## SAN GORGONIO PASS MEMORIAL HOSPITAL

600 N HIGHLAND SPRINGS AVE
BANNING, CA 92220

Medicare Hospital Provider Number: 050054

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 784 | 16 | 11 - 17 | 872 | 14 | 11 - 17 |
| Cancer | 17 | 59 | 21 - 67 | 18 | 56 | 22 - 67 |
| Cerebrovascular Accidents | 45 | 24 | 14 - 41 | 45 | 29 | 15 - 43 |
| Gastrointestinal Catastrophes | 9 | 33 | 9 - 68 | 9 | 22 | 7 - 63 |
| Infectious Disease | 12 | 42 | 16 - 69 | 19 | 37 | 18 - 62 |
| Metabolic/Electrolyte Disorders | 19 | 26 | 10 - 52 | 20 | 15 | 9 - 46 |
| Pulmonary Disease | 69 | 35 | 16 - 40 | 65 | 26 | 18 - 42 |
| Renal Failure | 4 | 25 | 5 - 83 | 2 | 100 | 6 - 91 |
| Severe Acute Heart Disease | 45 | 49 | 25 - 55 | 49 | 49 | 29 - 58 |
| Severe Chronic Heart Disease | 39 | 23 | 12 - 39 | 52 | 19 | 15 - 38 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 97 |
| Gastrointestinal Disease | 66 | 8 | 0 - 30 | 67 | 1 | 1 - 12 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 120 | 2 | 2 - 8 | 126 | 3 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 56 | 5 | 0 - 29 | 67 | 1 | 1 - 11 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 - 99 | 8 | 0 | 0 - 99 |
| Urologic Disease | 22 | 0 | 0 - 98 | 41 | 2 | 0 - 29 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 68 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 40 |
| Percent of Physicians Who Are Board Certified Specialists: | 45 |
| Interns and Residents: | 0 |
| Registered Nurses: | 46 |
| Licensed Practical Nurses: | 25 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SAN JOAQUIN COMM HOSP

2615 EYE ST
BAKERSFIELD, CA 93301

Medicare Hospital Provider Number: 050455

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,158 | 14 | 9 - 14 | 2,232 | 13 | 9 - 14 |
| Cancer | 68 | 46 | 29 - 56 | 83 | 52 | 32 - 57 |
| Cerebrovascular Accidents | 78 | 22 | 17 - 36 | 79 | 34 | 16 - 39 |
| Gastrointestinal Catastrophes | 10 | 30 | 12 - 67 | 16 | 38 | 13 - 61 |
| Infectious Disease | 13 | 46 | 15 - 66 | 17 | 29 | 13 - 58 |
| Metabolic/Electrolyte Disorders | 28 | 25 | 10 - 46 | 24 | 38 | 14 - 55 |
| Pulmonary Disease | 117 | 32 | 18 - 37 | 103 | 37 | 19 - 41 |
| Renal Failure | 5 | 40 | 9 - 83 | 2 | 50 | 2 - 93 |
| Severe Acute Heart Disease | 97 | 33 | 24 - 45 | 94 | 41 | 26 - 48 |
| Severe Chronic Heart Disease | 93 | 37 | 15 - 36 | 75 | 20 | 14 - 34 |
| Severe Trauma | 5 | 0 | 6 - 65 | 2 | 50 | 1 - 93 |
| Gastrointestinal Disease | 165 | 8 | 1 - 12 | 147 | 5 | 1 - 11 |
| Gynecologic Disease | 18 | 0 | 0 -100 | 30 | 0 | 0 -100 |
| Low-Risk Heart Disease | 571 | 6 | 2 - 6 | 580 | 2 | 2 - 5 |
| Musculoskeletal/Skin Conditions | 67 | 4 | 0 - 24 | 66 | 6 | 1 - 19 |
| Neuropsychiatric/Sensory Disease | 31 | 0 | 0 - 31 | 76 | 0 | 1 - 8 |
| Urologic Disease | 77 | 6 | 0 - 28 | 60 | 3 | 0 - 17 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 181 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 352 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

SAN JOAQUIN
COMMUNITY HOSPITAL

October 20, 1988

William L. Roper, M.D.
HCFA
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper,

San Joaquin Community Hospital is a multi-specialty facility with emphasis in Cardiac and Cardiovascular services, Pulmonary Medicine and Onocology. The hospital has 181 beds with two high technology Intensive Care units staffed by the best Critical Care nurses available. The ICU's are considered the best in Kern County and receive critically ill patients from all outlying areas and also from other local hospitals when cardiac services are required.

San Joaquin Community Hospital is a leader in Health Education Programs for the general population in the Kern County area. Seminars on Weight Control, Cancer Prevention and Diabetes are offered throughout the year at a nominal fee. The Stop Smoking Plan, and Low Cholesterol Cooking classes are designed to promote public awareness of the individual's responsibility in caring for their health. The "Heartbeat" program offers every participant a medically supervised Coronary Risk Evaluation at a minimal cost. This program is provided weekly enabling many community members to participate.

San Joaquin Community Hospital's actual mortality rate for Severe Chronic Heart Disease was deviated 1% higher than the top of the predicted range. There were 34 actual cases where the patient mortality occurred during the hospital stay or within thirty days of discharge. A study of individual cases has provided information that should be considered, if quality of care is being determined by these statistics.

The pertinent variables considered are ICD 9 CM Coding guidelines, cardiopulmonary resuscitation orders, and transfers into the facility. The diagnostic coding of one case studied had an incorrect principle diagnosis. The case belongs in the Severe Acute Heart Disease Category. In two additional cases, by ICD 9 CM Coding rules, the principle diagnosis' was CHF. However, both of these patients succumbed to terminal cancer. San Joaquin Community Hospital received four patients in this category as transfers from surrounding geographical areas where cardiac services are unavailable. These patients were severely compromised prior to admission. Finally, twelve patients and/or their families had requested "No resuscitation" efforts to be made if a life-threatening crisis occurred.

In conclusion, the one percent elevation in the Severe Chronic Heart Disease Range does not reflect a poor quality of care, but possibly, limited variables in the computation of the predicted ranges.

Respectfully submitted,

Kenneth E. Gibb
Vice President, Finance

## SAN JOAQUIN GEN HOSP

HOSPITAL LANE AND INTERSTATE 5
FRENCH CAMP, CA 95231

Medicare Hospital Provider Number: 050167

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 413 | 15 | 9 - 17 | 449 | 17 | 9 - 17 |
| Cancer | 10 | 60 | 14 - 70 | 8 | 75 | 14 - 72 |
| Cerebrovascular Accidents | 15 | 20 | 9 - 51 | 17 | 53 | 8 - 54 |
| Gastrointestinal Catastrophes | 10 | 30 | 9 - 64 | 8 | 25 | 7 - 67 |
| Infectious Disease | 9 | 33 | 9 - 67 | 10 | 60 | 11 - 67 |
| Metabolic/Electrolyte Disorders | 19 | 16 | 11 - 49 | 28 | 36 | 10 - 49 |
| Pulmonary Disease | 28 | 25 | 11 - 45 | 34 | 12 | 10 - 36 |
| Renal Failure | 5 | 40 | 5 - 81 | 6 | 67 | 15 - 86 |
| Severe Acute Heart Disease | 16 | 13 | 18 - 55 | 12 | 75 | 15 - 63 |
| Severe Chronic Heart Disease | 23 | 17 | 10 - 43 | 25 | 16 | 10 - 41 |
| Severe Trauma | 4 | 25 | 4 - 80 | 2 | 50 | 1 - 93 |
| Gastrointestinal Disease | 10 | 0 | 0 - 96 | 9 | 0 | 0 -100 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 29 | 0 | 0 - 26 | 25 | 0 | 0 - 29 |
| Musculoskeletal/Skin Conditions | 35 | 6 | 0 - 80 | 37 | 5 | 0 - 50 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 15 | 7 | 0 - 87 |
| Urologic Disease | 12 | 0 | 0 -100 | 16 | 6 | 0 - 98 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 207 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 128 |
| Percent of Physicians Who Are Board Certified Specialists: | 81 |
| Interns and Residents: | 54 |
| Registered Nurses: | 279 |
| Licensed Practical Nurses: | 89 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

OCTOBER 1988

# San Joaquin General Hospital's Response
# Medicare Admissions and Mortality Information
# Calendar Year 1987

Medicare admissions for calendar year 1987 are approximately 11% of all admissions, with an average age for this population of 66 years. However, at least 18% of this same patient group is 64 years or younger (many of them developmentally disabled or chronically ill). If this group is removed from statistical consideration, the average age of the Medicare group is 72 years. In addition, the average age among those Medicare Patients who expire is 72 years (76 years if patients younger than 65 are removed fron consideration). This data has remained largely consistent with the data of prior years.

Because of its special role as a public hospital, San Joaquin General receives a high proportion of patients who are characteristically more ill at time of admission than the overall patient population. Among the Medicare patients, more than 65% are admitted through the Emergency Room (86% of those who subsequently expire are emergency admissions). Factors which contribute to the severity of illness among some members of this patient group include low education and income levels, both of which tend to delay timely patient access to health care. Associated factors also include a high incidence of malnutrition, and a very direct correlation within this group between the severity of their illness and significant levels of tobacco and alcohol consumption.

Another significant aspect of this patient group is the comorbidity rate of 6 additional serious diagnoses which accompany the principal admitting diagnosis (an average of 7 among the group which expired). A number of these patients, because of their physical or mental condition, are considered problematic admissions for other area hospitals. Some of these include the homeless and those from such environments as Board and Care facilities and local hotels. Many of these patients lack familial support. All of these factors combine to present Medicare Patients at San Joaquin General Hospital whose morbidity and mortality rates are significantly higher than the general patient population within the County.

These factors contribute to the length of stay and mortality rates within the Medicare population at San Joaquin General Hospital. Because of their condition at admission, they remain acutely ill for much of their stay. A small minority of these patients move from an acute level to either a Skilled or General Nursing level awaiting discharge (including placement in a nursing home or some other supervised environment). Length of stay thus tends to be prolonged, and the mortality rate is impacted by this seriously-ill patient population. About 14% of the Medicare patient expirations occur within 48 hours of admission. Nearly 40% of the deaths occur during the winter months of November, December, January, and February.

The 1987 mortality rates for Medicare patients at San Joaquin General Hospital all fall within the ranges predicted by HCFA. In 1986, the only diagnostic areas which fell slightly outside of the predicted rate were for cancer (an actual rate of 75% with prediction of 14-72%) and for severe acute heart disease (an actual rate of 75% with prediction of 15-63%). However, the total number of cases for each diagnostic category was 8 and 12, respectively, low numbers which do not provide for an adequate statistical summary. In 1987, the actual mortality rates for both of these diagnostic categories are well within the predicted rates.

Medical Review by

William Brock

William Brock, M.D.
Senior Consultant

Submitted by

Michael

Michael N. Smith, Director
San Joaquin County Health
Care Services

## SAN JOSE HOSPITAL

675 E SANTA CLARA ST
SAN JOSE, CA 95112

Medicare Hospital Provider Number: 050215

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,075 | 13 | 10 - 15 | 2,045 | 11 | 10 - 14 |
| Cancer | 75 | 48 | 27 - 53 | 60 | 45 | 24 - 52 |
| Cerebrovascular Accidents | 105 | 29 | 18 - 37 | 87 | 15 | 19 - 36 |
| Gastrointestinal Catastrophes | 19 | 32 | 15 - 58 | 19 | 42 | 17 - 62 |
| Infectious Disease | 20 | 45 | 20 - 63 | 11 | 36 | 13 - 67 |
| Metabolic/Electrolyte Disorders | 32 | 25 | 8 - 43 | 32 | 34 | 6 - 44 |
| Pulmonary Disease | 104 | 25 | 17 - 37 | 93 | 26 | 18 - 39 |
| Renal Failure | 9 | 44 | 11 - 76 | 10 | 50 | 10 - 74 |
| Severe Acute Heart Disease | 78 | 41 | 29 - 52 | 69 | 39 | 26 - 51 |
| Severe Chronic Heart Disease | 129 | 28 | 17 - 34 | 128 | 19 | 17 - 32 |
| Severe Trauma | 5 | 40 | 4 - 78 | 7 | 14 | 7 - 66 |
| Gastrointestinal Disease | 137 | 7 | 1 - 12 | 117 | 3 | 2 - 9 |
| Gynecologic Disease | 19 | 0 | 0 -100 | 25 | 0 | 0 -100 |
| Low-Risk Heart Disease | 283 | 4 | 2 - 7 | 321 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 163 | 2 | 1 - 8 | 168 | 2 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 37 | 3 | 0 - 24 | 49 | 4 | 0 - 26 |
| Urologic Disease | 104 | 2 | 0 - 12 | 76 | 1 | 0 - 17 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 289 |
| Occupancy Rate (%): | 70 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 456 |
| Percent of Physicians Who Are Board Certified Specialists: | 69 |
| Interns and Residents: | 18 |
| Registered Nurses: | 320 |
| Licensed Practical Nurses: | 36 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## SAN LUIS OBISPO GEN HOSP

2180 JOHNSON AVE
SAN LUIS OBISPO, CA 93401

Medicare Hospital Provider Number: 050088

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 243 | 7 | 6 - 14 | 239 | 11 | 5 - 14 |
| Cancer | 0 | - | - | 5 | 80 | 13 - 80 |
| Cerebrovascular Accidents | 7 | 29 | 8 - 70 | 4 | 25 | 1 - 83 |
| Gastrointestinal Catastrophes | 3 | 67 | 6 - 87 | 1 | 0 | 0 - 99 |
| Infectious Disease | 6 | 17 | 4 - 69 | 1 | 0 | 2 - 97 |
| Metabolic/Electrolyte Disorders | 7 | 29 | 3 - 70 | 1 | 0 | 0 - 99 |
| Pulmonary Disease | 11 | 0 | 7 - 41 | 9 | 11 | 6 - 56 |
| Renal Failure | 5 | 20 | 9 - 81 | 3 | 33 | 2 - 88 |
| Severe Acute Heart Disease | 3 | 67 | 7 - 88 | 4 | 50 | 6 - 83 |
| Severe Chronic Heart Disease | 4 | 0 | 7 - 71 | 6 | 0 | 2 - 58 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 11 | 0 | 0 - 97 | 13 | 0 | 1 - 41 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Low-Risk Heart Disease | 14 | 7 | 0 - 55 | 16 | 19 | 0 - 97 |
| Musculoskeletal/Skin Conditions | 14 | 0 | 0 - 82 | 16 | 6 | 0 - 99 |
| Neuropsychiatric/Sensory Disease | 80 | 0 | 0 - 13 | 69 | 3 | 0 - 24 |
| Urologic Disease | 6 | 0 | 0 -100 | 4 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 63 |
| Occupancy Rate (%): | 56 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 58 |
| Percent of Physicians Who Are Board Certified Specialists: | 83 |
| Interns and Residents: | 0 |
| Registered Nurses: | 51 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SAN PEDRO PENINSULA HOSP

1300 W 7TH ST
SAN PEDRO, CA 90732

Medicare Hospital Provider Number: 050078

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,472 | 13 | 10 - 15 | 1,497 | 14 | 10 - 15 |
| Cancer | 50 | 48 | 29 - 59 | 44 | 39 | 30 - 61 |
| Cerebrovascular Accidents | 54 | 26 | 16 - 41 | 63 | 27 | 18 - 41 |
| Gastrointestinal Catastrophes | 14 | 21 | 12 - 58 | 11 | 45 | 14 - 69 |
| Infectious Disease | 22 | 36 | 18 - 59 | 16 | 69 | 16 - 61 |
| Metabolic/Electrolyte Disorders | 36 | 6 | 12 - 37 | 30 | 20 | 7 - 42 |
| Pulmonary Disease | 102 | 32 | 17 - 38 | 102 | 33 | 20 - 41 |
| Renal Failure | 8 | 63 | 10 - 76 | 6 | 50 | 9 - 81 |
| Severe Acute Heart Disease | 51 | 47 | 26 - 55 | 50 | 42 | 24 - 52 |
| Severe Chronic Heart Disease | 77 | 23 | 13 - 33 | 82 | 33 | 15 - 37 |
| Severe Trauma | 7 | 43 | 5 - 72 | 2 | 50 | 3 - 92 |
| Gastrointestinal Disease | 67 | 9 | 0 - 30 | 81 | 2 | 1 - 12 |
| Gynecologic Disease | 18 | 6 | 0 -100 | 17 | 0 | 0 -100 |
| Low-Risk Heart Disease | 150 | 3 | 1 - 9 | 158 | 3 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 128 | 2 | 0 - 9 | 140 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 30 | 3 | 0 - 68 | 42 | 2 | 0 - 42 |
| Urologic Disease | 98 | 0 | 0 - 11 | 100 | 0 | 0 - 8 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 436 |
| Occupancy Rate (%): | 58 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 138 |
| Percent of Physicians Who Are Board Certified Specialists: | 83 |
| Interns and Residents: | 12 |
| Registered Nurses: | 140 |
| Licensed Practical Nurses: | 19 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

SAN PEDRO PENINSULA HOSPITAL

1300 West Seventh Street
San Pedro, California 90732
Telephone (213) 832-3311

October 14, 1988

William L. Roper, M.D.
Department of Health and Human Services
The Administrator
Washington, D.C. 20201

RE: MORTALITY INFORMATION -- MEDICARE PROVIDER NUMBER 050078

Dear Dr. Roper:

We appreciate the opportunity to respond to the HCFA mortality information prior to it being made public.

We have reviewed the data and have determined that with minor exceptions, the HCFA data is accurate. We are satisfied that our 1987 mortality rates are within the predicted range for all of the diagnostic categories listed.

As a full-service hospital, San Pedro Peninsula Hospital serves a high percentage of Medicare patients. Forty percent of our discharges are attributed to Medicare. We offer a wide range of services including emergency care, intensive care, coronary care and rehabilitative care. In addition, we operate a subacute and extended care facility, which primarily serve the elderly. Our Chronic Dialysis Unit and Hospice Program also care for many seriously ill patients whose health has already been compromised by their conditions.

Please note that two corrections need to be made under the Specialty Services area of the Medicare Hospital Mortality Information fact sheet. San Pedro Peninsula Hospital does maintain a quality hospice program, but has never operated an organ transplant service.

At San Pedro Peninsula Hospital, mortality review is an ongoing process of the Quality Assurance Program. It is important to us to maintain high standards of quality and to do so we conduct extensive quality assessment measures, which includes ongoing screening of all deaths, a thorough review of all deaths that do not meet screening criteria, the active involvement of our medical staff, and peer review activities.

Again, thank you for the opportunity to present this response. If you or anyone receiving this material needs further information, please contact me at (213) 514-5233.

Sincerely,

Rodney J. Aymond

Rodney J. Aymond
President

*A non-profit subsidiary of San Pedro Peninsula Health Services*

## SANGER HOSP

2558 JENSEN AVE
SANGER, CA 93657

Medicare Hospital Provider Number: 050410

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 157 | 9 | 5 - 15 | 153 | 10 | 7 - 18 |
| Cancer | 1 | 100 | 3 - 99 | 4 | 75 | 12 - 86 |
| Cerebrovascular Accidents | 4 | 25 | 3 - 80 | 3 | 67 | 4 - 86 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 0 | 0 - 99 |
| Infectious Disease | 2 | 0 | 3 - 88 | 2 | 50 | 1 - 93 |
| Metabolic/Electrolyte Disorders | 4 | 0 | 1 - 78 | 6 | 0 | 2 - 60 |
| Pulmonary Disease | 10 | 40 | 6 - 63 | 15 | 7 | 8 - 42 |
| Renal Failure | 0 | - | - | 1 | 0 | 1 - 97 |
| Severe Acute Heart Disease | 2 | 0 | 2 - 88 | 2 | 100 | 4 - 88 |
| Severe Chronic Heart Disease | 11 | 45 | 6 - 61 | 9 | 22 | 9 - 63 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 19 | 0 | 0 - 72 | 16 | 0 | 0 - 98 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 17 | 0 | 0 - 61 | 19 | 0 | 0 - 53 |
| Musculoskeletal/Skin Conditions | 12 | 0 | 0 - 96 | 11 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 1 | 100 | 0 -100 |
| Urologic Disease | 16 | 0 | 0 - 59 | 10 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 49 |
| Occupancy Rate (%): | 20 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 15 |
| Percent of Physicians Who Are Board Certified Specialists: | 33 |
| Interns and Residents: | 0 |
| Registered Nurses: | 9 |
| Licensed Practical Nurses: | 11 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# SANTA ANA HOSP MEDICAL CTR

1901 N FAIRVIEW ST
SANTA ANA, CA 92706

Medicare Hospital Provider Number: 050491

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 447 | 17 | 11 - 18 | 555 | 18 | 10 - 18 |
| Cancer | 9 | 67 | 19 - 76 | 4 | 50 | 5 - 82 |
| Cerebrovascular Accidents | 10 | 40 | 8 - 64 | 16 | 13 | 10 - 47 |
| Gastrointestinal Catastrophes | 2 | 50 | 4 - 93 | 4 | 0 | 4 - 71 |
| Infectious Disease | 11 | 27 | 15 - 67 | 15 | 27 | 17 - 63 |
| Metabolic/Electrolyte Disorders | 6 | 33 | 4 - 73 | 7 | 57 | 8 - 73 |
| Pulmonary Disease | 64 | 44 | 24 - 50 | 86 | 45 | 20 - 43 |
| Renal Failure | 3 | 0 | 15 - 90 | 6 | 50 | 20 - 92 |
| Severe Acute Heart Disease | 5 | 20 | 13 - 80 | 6 | 83 | 24 - 85 |
| Severe Chronic Heart Disease | 8 | 25 | 4 - 64 | 15 | 33 | 7 - 54 |
| Severe Trauma | 1 | 0 | 2 - 97 | 0 | - | - |
| Gastrointestinal Disease | 22 | 0 | 0 - 32 | 19 | 0 | 0 - 32 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 40 | 2 | 0 - 24 | 49 | 4 | 0 - 26 |
| Musculoskeletal/Skin Conditions | 30 | 3 | 0 - 83 | 39 | 3 | 0 - 27 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 - 97 | 9 | 0 | 0 -100 |
| Urologic Disease | 60 | 5 | 0 - 32 | 41 | 2 | 0 - 60 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 86 |
| Occupancy Rate (%): | 57 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 447 |
| Percent of Physicians Who Are Board Certified Specialists: | 71 |
| Interns and Residents: | 0 |
| Registered Nurses: | 70 |
| Licensed Practical Nurses: | 6 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SANTA BARBARA COTTAGE CARE CENTER

2415 DE LA VINA STREET
SANTA BARBARA, CA 93105

Medicare Hospital Provider Number: 050605

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 15 | 7 | 0 - 74 | 25 | 0 | 1 - 20 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 1 | 0 | 1 - 97 |
| Metabolic/Electrolyte Disorders | 0 | - | - | 2 | 0 | 0 - 98 |
| Pulmonary Disease | 0 | - | - | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 0 | - | - |
| Musculoskeletal/Skin Conditions | 0 | - | - | 0 | - | - |
| Neuropsychiatric/Sensory Disease | 14 | 0 | 0 - 52 | 21 | 0 | 0 - 66 |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1982

| | |
|---|---|
| Total Beds (#): | 37 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 31 |
| Licensed Practical Nurses: | 3 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SANTA BARBARA COTTAGE HOSP

320 W PUEBLO ST
SANTA BARBARA, CA 93102

Medicare Hospital Provider Number: 050396

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,454 | 9 | 9 - 13 | 3,513 | 9 | 9 - 13 |
| Cancer | 174 | 37 | 30 - 50 | 153 | 38 | 27 - 48 |
| Cerebrovascular Accidents | 131 | 21 | 18 - 34 | 104 | 26 | 18 - 37 |
| Gastrointestinal Catastrophes | 32 | 34 | 21 - 58 | 31 | 39 | 18 - 56 |
| Infectious Disease | 21 | 29 | 17 - 57 | 17 | 24 | 18 - 60 |
| Metabolic/Electrolyte Disorders | 21 | 33 | 8 - 51 | 31 | 26 | 14 - 49 |
| Pulmonary Disease | 108 | 30 | 18 - 38 | 121 | 25 | 17 - 36 |
| Renal Failure | 22 | 36 | 17 - 70 | 19 | 16 | 21 - 73 |
| Severe Acute Heart Disease | 95 | 32 | 27 - 48 | 87 | 43 | 28 - 51 |
| Severe Chronic Heart Disease | 119 | 20 | 16 - 32 | 139 | 21 | 16 - 32 |
| Severe Trauma | 10 | 50 | 7 - 66 | 3 | 0 | 5 - 80 |
| Gastrointestinal Disease | 195 | 4 | 1 - 9 | 208 | 5 | 1 - 9 |
| Gynecologic Disease | 60 | 0 | 0 -100 | 61 | 0 | 0 - 60 |
| Low-Risk Heart Disease | 391 | 4 | 2 - 6 | 432 | 2 | 2 - 5 |
| Musculoskeletal/Skin Conditions | 439 | 2 | 1 - 5 | 441 | 1 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 154 | 2 | 1 - 8 | 139 | 4 | 1 - 10 |
| Urologic Disease | 237 | 1 | 1 - 5 | 201 | 0 | 0 - 6 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1982

| | |
|---|---|
| Total Beds (#): | 465 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 32 |
| Registered Nurses: | 337 |
| Licensed Practical Nurses: | 92 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Santa
Barbara
Cottage
Hospital

Post Office Box 689
Pueblo at Bath Street
Santa Barbara, CA 93102
805 682-7111

October 20, 1988 Medicare Provider No. 050396

Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207
Attention: Mrs. Sandra Kappert

Dear Mrs. Kappert:

We appreciate the opportunity to respond to HCFA's release of Medicare mortality data and respectfully request that the following be attached to the Cottage Hospital report.

To the Santa Barbara community

The mortality data reported here by HCFA have been reviewed carefully by our hospital administration, the president of our medical staff, the physician chairman of our utilization review committee, the directors of our medical records and utilization review departments, and the staff of our quality assurance program. We can validate that the data essentially are correct and that we are within the normal range for predicted mortality in each of the diagnostic categories listed.

The importance of a strong quality assurance program remains unquestioned at Cottage Hospital. The clinical departments of our medical staff review and monitor every death in our facility for appropriateness of care; ongoing analysis of patient care is the essential task of our quality assurance and utilization review programs; and the commitment of our board of directors is evident in the scrupulous attention to quality demanded by its subcommittee on quality care.

Any indication of potential problem leads to prompt and thorough investigation, and corrective action is taken swiftly to maintain the highest quality care levels.

Cottage Hospital supports the effort to promote consumer awareness and to communicate appropriate and meaningful quality-of-care information to all users of hospital services. We look forward to continuing refinements in the methodology used by HCFA to predict a hospital's expected mortality rate, and we welcome continuing opportunities to discuss the quality of care and services at this hospital.

Sincerely,

William A. Davidson MD

James L. Ash
President and
Chief Executive Officer

William A. Davidson, MD
Director of Medical Affairs

# SANTA CLARA VALLEY MEDICAL CENTER

751 S BASCOM AVE
SAN JOSE, CA 95128

Medicare Hospital Provider Number: 050038

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,173 | 15 | 9 - 14 | 1,258 | 15 | 8 - 14 |
| Cancer | 30 | 57 | 28 - 64 | 33 | 36 | 25 - 59 |
| Cerebrovascular Accidents | 32 | 28 | 14 - 46 | 29 | 41 | 9 - 46 |
| Gastrointestinal Catastrophes | 16 | 44 | 10 - 59 | 12 | 58 | 13 - 66 |
| Infectious Disease | 13 | 69 | 15 - 64 | 18 | 50 | 15 - 61 |
| Metabolic/Electrolyte Disorders | 18 | 11 | 6 - 44 | 14 | 43 | 8 - 59 |
| Pulmonary Disease | 82 | 48 | 16 - 40 | 82 | 37 | 15 - 38 |
| Renal Failure | 7 | 29 | 10 - 77 | 13 | 54 | 16 - 76 |
| Severe Acute Heart Disease | 59 | 36 | 28 - 54 | 61 | 44 | 25 - 51 |
| Severe Chronic Heart Disease | 29 | 24 | 8 - 41 | 40 | 17 | 14 - 39 |
| Severe Trauma | 10 | 30 | 6 - 63 | 9 | 56 | 10 - 70 |
| Gastrointestinal Disease | 43 | 0 | 0 - 14 | 39 | 3 | 0 - 43 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 100 | 2 | 1 - 9 | 95 | 7 | 1 - 17 |
| Musculoskeletal/Skin Conditions | 105 | 5 | 0 - 15 | 110 | 3 | 0 - 11 |
| Neuropsychiatric/Sensory Disease | 181 | 2 | 0 - 11 | 215 | 1 | 0 - 7 |
| Urologic Disease | 28 | 4 | 0 - 67 | 35 | 3 | 0 - 78 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 549 |
| Occupancy Rate (%): | 88 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 375 |
| Percent of Physicians Who Are Board Certified Specialists: | 68 |
| Interns and Residents: | 42 |
| Registered Nurses: | 726 |
| Licensed Practical Nurses: | 72 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

**Santa Clara Valley Medical Center**
751 South Bascom Avenue
San Jose, California 95128
(408) 299-5100

SANTA CLARA
VALLEY
MEDICAL CENTER

**Administration Office**
751 South Bascom Avenue
San Jose, California 95128
(408) 299-6827

Medicare Provider # 05-0038

October 24, 1988

Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Ms. Kappert:

We at Santa Clara Valley Medical Center share your concern about the quality of health care in the nation. As a public hospital, we have a further commitment to ensuring that the same quality care is available to all those in need, regardless of their financial resources. To the extent that your efforts in reporting Medicare mortality data enhance patient care, we applaud your efforts.

We do, however, continue to have very serious reservations about the possible misinterpretation of this data. I realize that efforts have been made to improve the validity of each successive data release. However, I am afraid we have a long way to go before data of this sort will have the predictive value that many less informed members of the public and press seem to feel it now possesses.

Information extracted from hospital Medicare claims can not describe the patient population at a facility such as Santa Clara Valley Medical Center. In addition to offering a wide range of specialty services such as Burn, Trauma, and Acute Spinal Cord Injury, we maintain an open door policy welcoming the disenfranchised of society who have no other access to medical care. Our Medicare population is also unique. A substantial portion of these patients are economically depressed to the degree that they qualify for Medicaid benefits. It is widely acknowledged among health care professionals that poverty is highly correlated with a wide range of complicating medical and health care problems.

I recognize your acknowledgement of the limitations of this data and your recommendation that this information by itself not be used to make judgements about the quality of care at any individual hospital. Hopefully the public will understand and share your reservations.

Sincerely,

Robert Sillen
Executive Director

am58

SCVMC is an EEO/AA Employer
Owned and operated by the County of Santa Clara Affiliated with Stanford University School of Medicine

## SANTA MARTA HOSP & CLINIC

319 N HUMPHREYS AVE
LOS ANGELES, CA 90022

Medicare Hospital Provider Number: 050577

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 491 | 13 | 10 - 17 | 411 | 18 | 13 - 21 |
| Cancer | 6 | 0 | 18 - 68 | 9 | 56 | 19 - 78 |
| Cerebrovascular Accidents | 21 | 24 | 15 - 52 | 21 | 43 | 13 - 54 |
| Gastrointestinal Catastrophes | 7 | 29 | 11 - 73 | 8 | 13 | 10 - 63 |
| Infectious Disease | 15 | 20 | 14 - 58 | 4 | 75 | 7 - 81 |
| Metabolic/Electrolyte Disorders | 8 | 13 | 4 - 61 | 13 | 31 | 6 - 58 |
| Pulmonary Disease | 32 | 38 | 14 - 48 | 32 | 25 | 18 - 50 |
| Renal Failure | 9 | 33 | 12 - 75 | 4 | 25 | 9 - 85 |
| Severe Acute Heart Disease | 20 | 60 | 24 - 65 | 32 | 53 | 30 - 64 |
| Severe Chronic Heart Disease | 28 | 21 | 13 - 45 | 21 | 29 | 10 - 49 |
| Severe Trauma | 1 | 0 | 1 - 97 | 3 | 0 | 3 - 80 |
| Gastrointestinal Disease | 35 | 9 | 0 - 48 | 24 | 0 | 0 - 36 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Low-Risk Heart Disease | 73 | 7 | 1 - 18 | 56 | 2 | 1 - 14 |
| Musculoskeletal/Skin Conditions | 36 | 0 | 0 - 20 | 24 | 4 | 0 - 39 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 - 97 | 3 | 0 | 0 -100 |
| Urologic Disease | 23 | 0 | 0 - 92 | 8 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 110 |
| Occupancy Rate (%): | 40 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 206 |
| Percent of Physicians Who Are Board Certified Specialists: | 65 |
| Interns and Residents: | 0 |
| Registered Nurses: | 61 |
| Licensed Practical Nurses: | 23 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Santa Marta Hospital**

September 19, 1988

Ms. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

RE: SANTA MARTA HOSPITAL
PROVIDER NUMBER: 05-0577

Dear Ms. Kappert:

We are in receipt of our Medicare Mortality Data for 1987. Upon examination we find the data to accurately reflect our Medicare Mortalities for 1987.

In addition, we are proud to note that our actual mortality rates fell within all the predicted ranges.

Sincerely,

SANTA MARTA HOSPITAL

Petre

Patrick A. Petre
Administrator

PAP:ml

CC: Sister Guadalupe Guarneros, F.S.J.
Sister Rosario Rodriguez, F.S.J.
Lorna Clarke, R.N., Utilization Review Coordinator
Linda Miller, Director, Medical Records
Michael Block, M.D., President, Medical Staff

319 N. Humphreys Avenue • Los Angeles, CA 90022 • (213) 266-6500

## SANTA MONICA HOSP MED CTR

1225 15TH STREET
SANTA MONICA, CA 90404

Medicare Hospital Provider Number: 050112

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,434 | 12 | 11 - 15 | 2,485 | 12 | 11 - 16 |
| Cancer | 114 | 37 | 29 - 51 | 99 | 35 | 30 - 54 |
| Cerebrovascular Accidents | 106 | 23 | 18 - 36 | 156 | 22 | 21 - 36 |
| Gastrointestinal Catastrophes | 19 | 37 | 12 - 57 | 17 | 29 | 16 - 61 |
| Infectious Disease | 41 | 44 | 21 - 54 | 41 | 27 | 22 - 53 |
| Metabolic/Electrolyte Disorders | 33 | 24 | 13 - 47 | 32 | 28 | 10 - 46 |
| Pulmonary Disease | 125 | 28 | 18 - 37 | 113 | 31 | 19 - 39 |
| Renal Failure | 23 | 35 | 15 - 68 | 14 | 36 | 18 - 77 |
| Severe Acute Heart Disease | 88 | 38 | 30 - 52 | 101 | 46 | 30 - 51 |
| Severe Chronic Heart Disease | 125 | 13 | 15 - 29 | 110 | 24 | 16 - 33 |
| Severe Trauma | 12 | 42 | 7 - 63 | 11 | 18 | 8 - 59 |
| Gastrointestinal Disease | 142 | 4 | 1 - 10 | 114 | 2 | 1 - 8 |
| Gynecologic Disease | 24 | 0 | 0 -100 | 31 | 0 | 0 -100 |
| Low-Risk Heart Disease | 255 | 5 | 2 - 8 | 260 | 2 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 250 | 2 | 1 - 6 | 268 | 2 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 47 | 4 | 0 - 42 | 76 | 4 | 1 - 15 |
| Urologic Disease | 130 | 2 | 0 - 11 | 131 | 2 | 0 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 285
Occupancy Rate (%): 57
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 20
Registered Nurses: 251
Licensed Practical Nurses: 34

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

## SANTA PAULA MEM HOSP

825 N 10TH ST
SANTA PAULA, CA 93060

Medicare Hospital Provider Number: 050177

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 647 | 15 | 11 - 17 | 600 | 15 | 12 - 19 |
| Cancer | 24 | 67 | 25 - 63 | 26 | 50 | 21 - 60 |
| Cerebrovascular Accidents | 32 | 25 | 15 - 46 | 33 | 33 | 15 - 47 |
| Gastrointestinal Catastrophes | 9 | 44 | 10 - 70 | 11 | 64 | 17 - 71 |
| Infectious Disease | 15 | 13 | 11 - 52 | 22 | 18 | 14 - 51 |
| Metabolic/Electrolyte Disorders | 8 | 25 | 6 - 66 | 5 | 20 | 2 - 76 |
| Pulmonary Disease | 50 | 40 | 14 - 43 | 52 | 27 | 13 - 39 |
| Renal Failure | 3 | 33 | 9 - 91 | 1 | 0 | 1 - 97 |
| Severe Acute Heart Disease | 29 | 34 | 21 - 56 | 41 | 39 | 24 - 55 |
| Severe Chronic Heart Disease | 35 | 34 | 12 - 44 | 33 | 15 | 11 - 38 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 40 | 0 | 1 - 14 | 25 | 4 | 0 - 54 |
| Gynecologic Disease | 12 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 58 | 2 | 1 - 13 | 48 | 2 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 74 | 0 | 1 - 8 | 62 | 0 | 0 - 9 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 - 83 | 10 | 0 | 0 -100 |
| Urologic Disease | 28 | 0 | 0 - 49 | 17 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 60 |
| Occupancy Rate (%): | 50 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 82 |
| Percent of Physicians Who Are Board Certified Specialists: | 91 |
| Interns and Residents: | 0 |
| Registered Nurses: | 42 |
| Licensed Practical Nurses: | 7 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SANTA ROSA MEM HOSP

1165 MONTGOMERY DR
SANTA ROSA, CA 95405

Medicare Hospital Provider Number: 050174

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,108 | 12 | 10 - 14 | 3,082 | 12 | 10 - 14 |
| Cancer | 168 | 42 | 29 - 49 | 176 | 40 | 32 - 52 |
| Cerebrovascular Accidents | 159 | 29 | 18 - 34 | 154 | 25 | 19 - 35 |
| Gastrointestinal Catastrophes | 35 | 26 | 18 - 52 | 34 | 32 | 19 - 54 |
| Infectious Disease | 45 | 29 | 20 - 51 | 33 | 21 | 19 - 52 |
| Metabolic/Electrolyte Disorders | 43 | 21 | 9 - 40 | 30 | 17 | 12 - 44 |
| Pulmonary Disease | 112 | 20 | 15 - 33 | 113 | 27 | 17 - 36 |
| Renal Failure | 24 | 17 | 13 - 62 | 13 | 15 | 13 - 69 |
| Severe Acute Heart Disease | 137 | 28 | 27 - 45 | 116 | 30 | 27 - 47 |
| Severe Chronic Heart Disease | 114 | 18 | 17 - 33 | 126 | 27 | 17 - 34 |
| Severe Trauma | 8 | 38 | 5 - 69 | 20 | 35 | 9 - 55 |
| Gastrointestinal Disease | 115 | 3 | 1 - 9 | 128 | 6 | 1 - 13 |
| Gynecologic Disease | 19 | 0 | 0 -100 | 16 | 0 | 0 -100 |
| Low-Risk Heart Disease | 462 | 3 | 1 - 5 | 490 | 4 | 1 - 6 |
| Musculoskeletal/Skin Conditions | 323 | 2 | 1 - 5 | 341 | 1 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 95 | 4 | 0 - 22 | 81 | 4 | 1 - 14 |
| Urologic Disease | 99 | 0 | 0 - 8 | 90 | 2 | 1 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 219 |
| Occupancy Rate (%): | 66 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 211 |
| Percent of Physicians Who Are Board Certified Specialists: | 73 |
| Interns and Residents: | 0 |
| Registered Nurses: | 286 |
| Licensed Practical Nurses: | 72 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## SANTA TERESA COMM HOSP

250 HOSPITAL PKWY
SAN JOSE, CA 95119

Medicare Hospital Provider Number: 050604

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,161 | 11 | 9 - 14 | 1,215 | 10 | 8 - 13 |
| Cancer | 34 | 44 | 22 - 56 | 34 | 47 | 26 - 61 |
| Cerebrovascular Accidents | 53 | 28 | 13 - 38 | 40 | 22 | 13 - 40 |
| Gastrointestinal Catastrophes | 12 | 42 | 12 - 66 | 13 | 38 | 15 - 66 |
| Infectious Disease | 9 | 22 | 17 - 71 | 12 | 50 | 13 - 66 |
| Metabolic/Electrolyte Disorders | 24 | 17 | 13 - 49 | 22 | 18 | 10 - 47 |
| Pulmonary Disease | 58 | 12 | 13 - 33 | 47 | 21 | 13 - 39 |
| Renal Failure | 7 | 57 | 10 - 79 | 4 | 25 | 4 - 82 |
| Severe Acute Heart Disease | 47 | 40 | 24 - 53 | 51 | 43 | 22 - 50 |
| Severe Chronic Heart Disease | 57 | 28 | 14 - 39 | 59 | 25 | 16 - 39 |
| Severe Trauma | 3 | 67 | 3 - 86 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 63 | 2 | 0 - 14 | 75 | 1 | 1 - 11 |
| Gynecologic Disease | 22 | 9 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 158 | 1 | 2 - 7 | 208 | 2 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 97 | 2 | 0 - 12 | 107 | 0 | 0 - 6 |
| Neuropsychiatric/Sensory Disease | 25 | 8 | 0 - 88 | 29 | 0 | 0 - 58 |
| Urologic Disease | 56 | 0 | 0 - 11 | 64 | 0 | 0 - 16 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 222 |
| Occupancy Rate (%): | 60 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SANTA TERESITA HOSP

1210 ROYAL OAKS DR
DUARTE, CA 91010

Medicare Hospital Provider Number: 050391

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 689 | 17 | 12 - 18 | 653 | 19 | 12 - 19 |
| Cancer | 17 | 59 | 21 - 66 | 13 | 69 | 21 - 70 |
| Cerebrovascular Accidents | 37 | 19 | 15 - 41 | 42 | 26 | 16 - 44 |
| Gastrointestinal Catastrophes | 9 | 78 | 16 - 71 | 10 | 30 | 12 - 67 |
| Infectious Disease | 10 | 60 | 10 - 67 | 15 | 33 | 16 - 64 |
| Metabolic/Electrolyte Disorders | 17 | 6 | 12 - 45 | 16 | 13 | 6 - 47 |
| Pulmonary Disease | 58 | 31 | 18 - 44 | 65 | 32 | 18 - 43 |
| Renal Failure | 3 | 0 | 9 - 84 | 1 | 0 | 2 - 97 |
| Severe Acute Heart Disease | 37 | 59 | 24 - 56 | 30 | 50 | 20 - 56 |
| Severe Chronic Heart Disease | 55 | 18 | 13 - 35 | 47 | 26 | 14 - 40 |
| Severe Trauma | 1 | 0 | 0 - 98 | 1 | 0 | 2 - 97 |
| Gastrointestinal Disease | 42 | 12 | 0 - 41 | 34 | 3 | 0 - 34 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 87 | 2 | 1 - 11 | 83 | 5 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 45 | 4 | 0 - 27 | 39 | 10 | 0 - 65 |
| Neuropsychiatric/Sensory Disease | 15 | 7 | 0 - 99 | 13 | 0 | 0 - 98 |
| Urologic Disease | 8 | 0 | 0 - 91 | 6 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 283 |
| Occupancy Rate (%): | 66 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 105 |
| Percent of Physicians Who Are Board Certified Specialists: | 77 |
| Interns and Residents: | 0 |
| Registered Nurses: | 90 |
| Licensed Practical Nurses: | 34 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Santa Teresita Hospital**

1210 Royal Oaks Drive
Duarte, California 91010-0267
818/359-3243

October 14, 1988

Medicare I.D. No. 050391

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Medicare Mortality Data

Dear Mrs. Kappert:

This is in response to your letter of September 15, 1988, together with the hospital's specific information regarding Santa Teresita Hospital's mortality data. The following comments are provided as a means of clarification of the data and statistics.

Santa Teresita Hospital is licensed as a 283 bed general hospital. Included in this total bed complement are 133 skilled nursing beds. As a result of our large number of skilled nursing patients, our mortality data is impacted. As a matter of practice, when many of our skilled nursing patients have complications, they are transferred to the acute hospital, where they expire.

Through the hospital's Quality Assurance and Utilization Review Program, we work closely with the Executive Committee and Medical Staff to ensure that patients moved to the acute hospital justify such care. None the less, the presence of 133 skilled nursing patients at all times in our facility tends to inflate the number of deaths in the hospital.

This information is provided as clarification for the data submitted.

Sincerely,

M. J. Costello Jr.

Michael J. Costello, Jr.
Executive Vice President
and Administrator

MJC:bs

## SANTA YNEZ VALLEY HOSP

700 ALAMO PINTADO RD
SOLVANG, CA 93463

Medicare Hospital Provider Number: 050478

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 282 | 9 | 8 - 15 | 241 | 11 | 7 - 16 |
| Cancer | 7 | 57 | 10 - 74 | 5 | 60 | 18 - 89 |
| Cerebrovascular Accidents | 9 | 22 | 11 - 64 | 8 | 50 | 7 - 69 |
| Gastrointestinal Catastrophes | 6 | 33 | 6 - 74 | 2 | 50 | 2 - 92 |
| Infectious Disease | 1 | 0 | 0 - 97 | 1 | 0 | 2 - 97 |
| Metabolic/Electrolyte Disorders | 4 | 25 | 2 - 80 | 1 | 0 | 0 - 98 |
| Pulmonary Disease | 18 | 22 | 9 - 49 | 9 | 11 | 6 - 56 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 15 | 27 | 16 - 61 | 13 | 23 | 16 - 62 |
| Severe Chronic Heart Disease | 11 | 18 | 4 - 55 | 19 | 16 | 9 - 45 |
| Severe Trauma | 2 | 0 | 3 - 88 | 0 | - | - |
| Gastrointestinal Disease | 26 | 0 | 0 - 31 | 34 | 6 | 0 - 60 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 36 | 3 | 0 - 30 | 29 | 10 | 0 - 66 |
| Musculoskeletal/Skin Conditions | 19 | 0 | 0 - 71 | 17 | 0 | 0 - 96 |
| Neuropsychiatric/Sensory Disease | 3 | 0 | 0 -100 | 3 | 33 | 0 -100 |
| Urologic Disease | 16 | 6 | 0 - 65 | 14 | 0 | 0 - 95 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 30 |
| Occupancy Rate (%): | 37 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 50 |
| Percent of Physicians Who Are Board Certified Specialists: | 80 |
| Interns and Residents: | 0 |
| Registered Nurses: | 33 |
| Licensed Practical Nurses: | 2 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SCENIC GENERAL HOSP

830 SCENIC DRIVE
MODESTO, CA 95350

Medicare Hospital Provider Number: 050183

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 335 | 16 | 7 - 16 | 390 | 12 | 9 - 16 |
| Cancer | 13 | 46 | 11 - 62 | 11 | 36 | 12 - 66 |
| Cerebrovascular Accidents | 13 | 23 | 9 - 55 | 8 | 0 | 9 - 50 |
| Gastrointestinal Catastrophes | 5 | 60 | 3 - 78 | 7 | 14 | 13 - 70 |
| Infectious Disease | 3 | 33 | 1 - 88 | 3 | 33 | 1 - 88 |
| Metabolic/Electrolyte Disorders | 13 | 46 | 7 - 60 | 13 | 38 | 5 - 59 |
| Pulmonary Disease | 23 | 13 | 7 - 39 | 32 | 9 | 12 - 37 |
| Renal Failure | 1 | 0 | 3 - 99 | 0 | - | - |
| Severe Acute Heart Disease | 11 | 36 | 11 - 64 | 19 | 63 | 15 - 58 |
| Severe Chronic Heart Disease | 23 | 43 | 7 - 48 | 29 | 14 | 13 - 40 |
| Severe Trauma | 1 | 100 | 0 - 99 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 13 | 8 | 0 - 91 | 23 | 0 | 0 - 55 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 27 | 7 | 0 - 73 | 23 | 0 | 0 - 37 |
| Musculoskeletal/Skin Conditions | 44 | 2 | 0 - 82 | 39 | 0 | 0 - 46 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 -100 | 5 | 0 | 0 - 99 |
| Urologic Disease | 8 | 0 | 0 - 94 | 18 | 0 | 0 - 98 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 108 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## SCRIPPS CLINIC RESEARCH FOUNDATION

10666 NORTH TORREY PINES ROAD
LA JOLLA, CA 92037

Medicare Hospital Provider Number: 050424

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,785 | 6 | 7 - 11 | 1,717 | 5 | 7 - 11 |
| Cancer | 124 | 27 | 29 - 50 | 96 | 27 | 30 - 52 |
| Cerebrovascular Accidents | 27 | 11 | 13 - 40 | 27 | 22 | 16 - 48 |
| Gastrointestinal Catastrophes | 8 | 13 | 14 - 67 | 9 | 44 | 17 - 76 |
| Infectious Disease | 14 | 14 | 20 - 61 | 3 | 33 | 4 - 86 |
| Metabolic/Electrolyte Disorders | 11 | 27 | 9 - 62 | 11 | 27 | 7 - 61 |
| Pulmonary Disease | 45 | 18 | 15 - 39 | 39 | 10 | 12 - 36 |
| Renal Failure | 6 | 17 | 10 - 77 | 5 | 0 | 12 - 75 |
| Severe Acute Heart Disease | 16 | 25 | 17 - 59 | 27 | 26 | 20 - 54 |
| Severe Chronic Heart Disease | 40 | 22 | 14 - 41 | 47 | 11 | 12 - 32 |
| Severe Trauma | 1 | 0 | 0 - 98 | 3 | 0 | 5 - 80 |
| Gastrointestinal Disease | 98 | 2 | 1 - 10 | 85 | 1 | 1 - 9 |
| Gynecologic Disease | 19 | 0 | 0 -100 | 33 | 3 | 0 -100 |
| Low-Risk Heart Disease | 192 | 2 | 1 - 7 | 176 | 2 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 351 | 1 | 1 - 4 | 355 | 1 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 76 | 1 | 0 - 13 | 99 | 0 | 0 - 7 |
| Urologic Disease | 98 | 0 | 0 - 10 | 81 | 1 | 0 - 15 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 158 |
| Occupancy Rate (%): | 60 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 178 |
| Percent of Physicians Who Are Board Certified Specialists: | 93 |
| Interns and Residents: | 0 |
| Registered Nurses: | 217 |
| Licensed Practical Nurses: | 14 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

GREEN HOSPITAL
OF SCRIPPS CLINIC
An Affiliate of HCA

10666 NORTH TORREY PINES ROAD
LA JOLLA, CALIFORNIA 92037
619 455-9100

*Richard M. Bracken*
*Executive Director*

*Direct Line: 619 457-8610*

October 20, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

RE: Green Hospital of Scripps Clinic Medicare
Provider # 05-0424

The Green Hospital of Scripps Clinic would like to take this opportunity to comment on the release of the 1987 Medicare mortality information. Our institution supports HCFA's intention to initiate the development of measurements of quality for hospitals; however, we continue to believe that there are considerable limitations on the data model and methodology. The HCFA data deals only with mortality rates, and mortality rates by themselves do not measure quality (as HCFA acknowledges). In addition, the statistical model developed by HCFA measures the relationship between a very limited number of patient characteristics and death. It does not include other important patient characteristics such as severity of illness, educational level, income, life-style, occupation and living environment - all factors known to influence the risk of death. Additionally, the limited number of patients (discharges) in many of the categories result in small sample size and potentially skewed averages. Finally, the inclusion of patient deaths within thirty (30) days of discharge introduces conditions that may not be attributable to the care received during hospitalization. We continue to hope that recipients of this data recognize these types of limitations and we urge caution in forming any definitive conclusions.

We would also like to bring to your attention some inaccuracies in the characteristics drawn from the AHA 1986 Annual Survey. The number of licensed beds in our institution (as submitted on our 1986 AHA Survey) is 158, not 133. In addition, our percentage of physicians who are Board Certified is 93% not 88%.

Thank you for this opportunity to comment on the HCFA data release.

Sincerely,

Richard M. Bracken

Richard M. Bracken
Executive Director
GHSC Administration

RMB;cw

## SCRIPPS MEMORIAL HOSP - ENCINITAS

354 SANTA FE DRIVE
ENCINITAS, CA 92024

Medicare Hospital Provider Number: 050503

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,284 | 11 | 10 - 14 | 1,316 | 11 | 10 - 15 |
| Cancer | 42 | 57 | 26 - 58 | 51 | 43 | 28 - 58 |
| Cerebrovascular Accidents | 65 | 26 | 17 - 40 | 47 | 28 | 15 - 42 |
| Gastrointestinal Catastrophes | 4 | 25 | 5 - 80 | 15 | 33 | 8 - 57 |
| Infectious Disease | 16 | 44 | 14 - 62 | 25 | 44 | 17 - 57 |
| Metabolic/Electrolyte Disorders | 23 | 22 | 7 - 46 | 35 | 6 | 12 - 37 |
| Pulmonary Disease | 82 | 24 | 19 - 40 | 85 | 25 | 12 - 34 |
| Renal Failure | 5 | 60 | 14 - 88 | 6 | 50 | 14 - 86 |
| Severe Acute Heart Disease | 45 | 40 | 27 - 57 | 49 | 35 | 26 - 53 |
| Severe Chronic Heart Disease | 52 | 15 | 13 - 35 | 61 | 18 | 16 - 37 |
| Severe Trauma | 6 | 17 | 7 - 70 | 2 | 0 | 2 - 89 |
| Gastrointestinal Disease | 84 | 1 | 1 - 9 | 79 | 3 | 1 - 13 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 15 | 0 | 0 - 99 |
| Low-Risk Heart Disease | 145 | 1 | 1 - 6 | 159 | 4 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 140 | 1 | 1 - 6 | 148 | 0 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 18 | 0 | 0 - 80 | 30 | 0 | 1 - 19 |
| Urologic Disease | 77 | 1 | 0 - 32 | 56 | 0 | 0 - 13 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 93 |
| Occupancy Rate (%): | 65 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 125 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 0 |
| Registered Nurses: | 88 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Scripps Memorial Hospital

## SCRIPPS MEMORIAL HOSPITAL - ENCINITAS

## COMMENTS REGARDING HCFA'S RELEASE OF MORTALITY DATA

Medicare Provider Number: 050-503

Scripps Memorial Hospital, Encinitas, is a 93-bed acute care hospital serving the growing health care needs of San Diego's North County.

A review of our Medicare mortality statistics appears accurate, given the fact that we cannot verify deaths that occurred outside of our Hospital.

Review of the quality and appropriateness of patient care is an integral function at Scripps Memorial Hospital - Encinitas. Mortality is just one of the indicators that we use in reviewing the care that is given our patients.

Scripps Memorial Hospital - Encinitas, supports the principle of communicating appropriate and meaningful quality of care information to consumers. We welcome the opportunity to discuss our record of good care as substantiated by our comprehensive quality assurance activities.

---

Revised Hospital Characteristics:

Beds (#): 93
Occupancy Rate (%) 82
Ownership: Private, Non-Profit

Staffing:

| | |
|---|---|
| Total Number Of Physicians (Senior and Associate): | 117 |
| Percent of Physicians - Board Certified: | 78 |
| Interns and Residents Per Bed: | 0.00 |
| Registered Nurses Per Bed: | 1.31 |
| Licensed Practical Nurses Per Bed: | 0.12 |

Specialty Services:

| | |
|---|---|
| Shock/Trauma or Burn Unit: | NO |
| Coronary Care Unit: | YES |
| Organ Transplant Service: | YES |
| Hospice Care: | NO |
| Acute Rehabilitation Services: | YES |

# SCRIPPS MEMORIAL HOSP - LA JOLLA

9888 GENESSEE AVE BOX 28
LA JOLLA, CA 92037

Medicare Hospital Provider Number: 050324

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,026 | 9 | 10 - 14 | 3,116 | 9 | 9 - 13 |
| Cancer | 157 | 38 | 34 - 54 | 163 | 36 | 33 - 53 |
| Cerebrovascular Accidents | 98 | 23 | 18 - 37 | 115 | 23 | 20 - 37 |
| Gastrointestinal Catastrophes | 19 | 47 | 17 - 62 | 21 | 33 | 20 - 62 |
| Infectious Disease | 36 | 22 | 21 - 52 | 32 | 38 | 22 - 58 |
| Metabolic/Electrolyte Disorders | 22 | 5 | 13 - 42 | 20 | 5 | 8 - 39 |
| Pulmonary Disease | 107 | 23 | 15 - 34 | 97 | 25 | 15 - 35 |
| Renal Failure | 24 | 38 | 20 - 72 | 14 | 29 | 16 - 74 |
| Severe Acute Heart Disease | 138 | 31 | 28 - 47 | 113 | 27 | 28 - 47 |
| Severe Chronic Heart Disease | 97 | 20 | 16 - 33 | 94 | 16 | 17 - 34 |
| Severe Trauma | 10 | 40 | 6 - 65 | 16 | 19 | 9 - 54 |
| Gastrointestinal Disease | 163 | 1 | 2 - 7 | 215 | 4 | 1 - 8 |
| Gynecologic Disease | 51 | 0 | 0 -100 | 43 | 0 | 0 -100 |
| Low-Risk Heart Disease | 456 | 2 | 2 - 5 | 494 | 2 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 319 | 1 | 1 - 5 | 368 | 3 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 120 | 0 | 1 - 6 | 122 | 2 | 0 - 9 |
| Urologic Disease | 153 | 0 | 0 - 5 | 135 | 1 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 375 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 346 |
| Percent of Physicians Who Are Board Certified Specialists: | 88 |
| Interns and Residents: | 0 |
| Registered Nurses: | 391 |
| Licensed Practical Nurses: | 40 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Scripps Memorial Hospital

# SCRIPPS MEMORIAL HOSPITAL-LA JOLLA
## MORTALITY DATA COMMENTS
## Medicare Provider Number: 050-324

Scripps Memorial Hospital-La Jolla is a 452-bed acute care community hospital serving the health care needs of San Diego County. In addition to offering a full range of acute care services, we also provide regional and county-wide services such as our designation as a County Trauma Center and our status as a Regional Cancer Center. Scripps Memorial Hospital-La Jolla also provides specialized services such as open heart surgery, chemical dependency rehabilitation, and ophthalmic procedures. We are proud of our over 60-year contribution in providing quality health care.

Scripps Memorial Hospital-La Jolla has in place an extensive and comprehensive hospital-wide quality assurance program which assesses each episode of care against the highest possible standards of care. Each review is conducted during a patient's hospitalization in order to impact immediately the quality and appropriateness of health care decisions.

Mortality is just one of over 100 indicators that require immediate referral and review by an appropriate hospital and medical staff peer review committee. Nursing and the ancillary departments have developed ongoing quality assurance monitoring programs to ensure that the care provided is timely, accurate, appropriate, and meets Scripps Memorial's standards. If a patient care issue or trend is identified, appropriate action is taken by the peer review committee and follow-up is performed until the problem is resolved.

The HCFA mortality list for patients who expired at Scripps Memorial Hospital-La Jolla has been reviewed and appears to be accurate. Of course we are unable to verify deaths which occurred outside of our facility as this information is not included in the patient's medical record. Also, without detailed information concerning the billing data available to HCFA in computing the predicted mortality rate, we are unable to verify the accuracy of the diagnostic or other data used in HCFA's analysis.

Scripps Memorial Hospitals supports the principle of communicating appropriate and meaningful quality of care information to consumers. We welcome the opportunity to discuss our record of good care as substantiated by our comprehensive quality assurance activities.

## SCRIPPS MEMORIAL HOSPITAL-CHULA VIST

435 H STREET
CHULA VISTA, CA 92010

Medicare Hospital Provider Number: 050270

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,519 | 13 | 10 - 15 | 1,542 | 13 | 11 - 15 |
| Cancer | 43 | 44 | 28 - 59 | 48 | 42 | 25 - 56 |
| Cerebrovascular Accidents | 60 | 23 | 12 - 35 | 57 | 30 | 16 - 41 |
| Gastrointestinal Catastrophes | 15 | 27 | 13 - 60 | 19 | 47 | 14 - 59 |
| Infectious Disease | 35 | 17 | 18 - 48 | 26 | 31 | 16 - 54 |
| Metabolic/Electrolyte Disorders | 35 | 11 | 9 - 38 | 41 | 12 | 11 - 39 |
| Pulmonary Disease | 99 | 26 | 18 - 38 | 90 | 21 | 15 - 35 |
| Renal Failure | 8 | 50 | 13 - 79 | 10 | 40 | 19 - 82 |
| Severe Acute Heart Disease | 57 | 61 | 26 - 53 | 58 | 45 | 29 - 55 |
| Severe Chronic Heart Disease | 81 | 26 | 14 - 34 | 95 | 19 | 16 - 33 |
| Severe Trauma | 5 | 60 | 4 - 78 | 7 | 29 | 5 - 70 |
| Gastrointestinal Disease | 92 | 3 | 0 - 13 | 78 | 5 | 1 - 16 |
| Gynecologic Disease | 23 | 0 | 0 -100 | 21 | 0 | 0 -100 |
| Low-Risk Heart Disease | 153 | 5 | 1 - 10 | 181 | 3 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 97 | 4 | 0 - 15 | 116 | 3 | 1 - 10 |
| Neuropsychiatric/Sensory Disease | 30 | 3 | 0 - 39 | 29 | 10 | 0 - 74 |
| Urologic Disease | 111 | 1 | 0 - 10 | 62 | 2 | 0 - 20 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 159 |
| Occupancy Rate (%): | 76 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 0 |
| Registered Nurses: | 173 |
| Licensed Practical Nurses: | 21 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SEASIDE HOSP & MEDICAL CLINIC

100 A ST
CRESCENT CITY, CA 95531

Medicare Hospital Provider Number: 050417

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 546 | 13 | 9 - 16 | 555 | 16 | 9 - 16 |
| Cancer | 8 | 38 | 8 - 69 | 10 | 80 | 14 - 65 |
| Cerebrovascular Accidents | 32 | 34 | 12 - 45 | 25 | 40 | 15 - 53 |
| Gastrointestinal Catastrophes | 2 | 50 | 5 - 93 | 6 | 17 | 3 - 69 |
| Infectious Disease | 12 | 33 | 12 - 63 | 12 | 58 | 9 - 63 |
| Metabolic/Electrolyte Disorders | 16 | 13 | 6 - 47 | 10 | 20 | 8 - 61 |
| Pulmonary Disease | 40 | 30 | 11 - 41 | 33 | 33 | 10 - 44 |
| Renal Failure | 2 | 0 | 2 - 89 | 0 | - | - |
| Severe Acute Heart Disease | 42 | 38 | 20 - 50 | 33 | 52 | 21 - 55 |
| Severe Chronic Heart Disease | 29 | 14 | 10 - 38 | 28 | 18 | 10 - 40 |
| Severe Trauma | 1 | 0 | 0 - 99 | 0 | - | - |
| Gastrointestinal Disease | 28 | 4 | 0 - 43 | 31 | 0 | 0 - 19 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 2 | 50 | 0 -100 |
| Low-Risk Heart Disease | 44 | 2 | 0 - 22 | 57 | 7 | 0 - 33 |
| Musculoskeletal/Skin Conditions | 50 | 0 | 0 - 28 | 57 | 2 | 0 - 32 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Urologic Disease | 9 | 0 | 0 -100 | 18 | 0 | 1 - 30 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 56 |
| Occupancy Rate (%): | 38 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 25 |
| Percent of Physicians Who Are Board Certified Specialists: | 72 |
| Interns and Residents: | 0 |
| Registered Nurses: | 51 |
| Licensed Practical Nurses: | 17 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SELMA DISTRICT HOSPITAL

1141 ROSE AVE
SELMA, CA 93662

Medicare Hospital Provider Number: 050470

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 627 | 11 | 9 - 15 | 527 | 10 | 9 - 15 |
| Cancer | 10 | 50 | 13 - 69 | 6 | 0 | 15 - 65 |
| Cerebrovascular Accidents | 27 | 26 | 13 - 47 | 33 | 30 | 14 - 46 |
| Gastrointestinal Catastrophes | 6 | 33 | 7 - 74 | 4 | 50 | 4 - 82 |
| Infectious Disease | 7 | 14 | 9 - 66 | 9 | 22 | 15 - 69 |
| Metabolic/Electrolyte Disorders | 12 | 33 | 7 - 60 | 14 | 29 | 13 - 61 |
| Pulmonary Disease | 40 | 17 | 16 - 42 | 36 | 22 | 13 - 42 |
| Renal Failure | 2 | 50 | 2 - 92 | 0 | - | - |
| Severe Acute Heart Disease | 21 | 10 | 29 - 59 | 11 | 55 | 19 - 72 |
| Severe Chronic Heart Disease | 35 | 20 | 14 - 41 | 26 | 27 | 15 - 50 |
| Severe Trauma | 0 | - | - | 3 | 0 | 1 - 84 |
| Gastrointestinal Disease | 44 | 2 | 0 - 30 | 51 | 2 | 0 - 17 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 76 | 1 | 0 - 11 | 69 | 3 | 1 - 14 |
| Musculoskeletal/Skin Conditions | 59 | 8 | 0 - 27 | 43 | 0 | 0 - 19 |
| Neuropsychiatric/Sensory Disease | 18 | 6 | 0 - 85 | 12 | 0 | 0 - 65 |
| Urologic Disease | 35 | 0 | 0 - 33 | 26 | 0 | 0 - 53 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 65 |
| Occupancy Rate (%): | 43 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 56 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SENECA DISTRICT HOSP

BRENTWOOD DR
CHESTER, CA 96020

Medicare Hospital Provider Number: 050333

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 81 | 10 | 9 - 23 | 101 | 7 | 7 - 18 |
| Cancer | 1 | 100 | 0 - 98 | 2 | 100 | 12 - 98 |
| Cerebrovascular Accidents | 3 | 0 | 5 - 79 | 3 | 33 | 3 - 86 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 0 | 0 - 99 |
| Infectious Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 - 99 |
| Metabolic/Electrolyte Disorders | 4 | 25 | 5 - 80 | 4 | 0 | 2 - 73 |
| Pulmonary Disease | 12 | 8 | 12 - 52 | 14 | 0 | 6 - 34 |
| Renal Failure | 1 | 0 | 0 - 98 | 2 | 50 | 4 - 93 |
| Severe Acute Heart Disease | 4 | 50 | 12 - 88 | 6 | 33 | 11 - 76 |
| Severe Chronic Heart Disease | 6 | 0 | 3 - 58 | 2 | 0 | 1 - 90 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 6 | 0 | 0 -100 | 10 | 0 | 0 - 82 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 6 | 0 | 0 - 99 | 13 | 0 | 0 - 90 |
| Musculoskeletal/Skin Conditions | 5 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 26 |
| Occupancy Rate (%): | 62 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 8 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 11 |
| Licensed Practical Nurses: | 2 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

SENECA DISTRICT HOSPITAL
P.O. Box 737
Chester, California 96020
(916) 258-2151

Medicare Provider #050333

October 11, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2 - D - 2
6325 Security Blvd.
Baltimore, Maryland - 21207

Attention: Sandra Kappert

Re: Medicare Hospital Mortality Information.

Seneca District Hospital is a small and rural hospital of twenty-six (26) beds located in the Sierra Mountains resort area with a large population of retired persons over sixty-five (65) years of age. Timber production and forestry are the main industries.

In 1987, Seneca District Hospital cared for one terminally ill metastatic cancer patient who presented to the hospital via ambulance. The patient was admitted for control of intractable pain secondary to inoperable colon cancer. Treatment conisted of intravenous hydration, nutrition, pain relief and supportive care. The patient was placed on a "no code" status by the patient's own specific wishes. Quality patient care delivery is the goal and function of our medical staff.

This patient received palliative care by the physician and staff with attention to the thoughtful support of the family members until the patient's demise five (5) days after admission to the hospital.

Sincerely,

Claire Kuczkowski

CLAIRE KUCZKOWSKI
Administrator

A public entity providing health care services.

## SEQUOIA HOSP

WHIPPLE ALAMEDA
REDWOOD CITY, CA 94062

Medicare Hospital Provider Number: 050197

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,568 | 10 | 9 - 13 | 2,333 | 11 | 9 - 14 |
| Cancer | 101 | 39 | 28 - 51 | 100 | 50 | 30 - 54 |
| Cerebrovascular Accidents | 121 | 26 | 17 - 35 | 98 | 31 | 17 - 37 |
| Gastrointestinal Catastrophes | 24 | 25 | 17 - 55 | 20 | 35 | 12 - 55 |
| Infectious Disease | 15 | 27 | 13 - 58 | 23 | 13 | 19 - 53 |
| Metabolic/Electrolyte Disorders | 40 | 25 | 10 - 43 | 27 | 15 | 8 - 42 |
| Pulmonary Disease | 104 | 18 | 17 - 36 | 83 | 28 | 14 - 36 |
| Renal Failure | 9 | 22 | 8 - 71 | 6 | 0 | 12 - 71 |
| Severe Acute Heart Disease | 75 | 28 | 26 - 48 | 78 | 33 | 26 - 49 |
| Severe Chronic Heart Disease | 117 | 22 | 17 - 33 | 123 | 17 | 16 - 31 |
| Severe Trauma | 4 | 0 | 6 - 72 | 3 | 33 | 4 - 86 |
| Gastrointestinal Disease | 103 | 4 | 1 - 12 | 129 | 5 | 1 - 11 |
| Gynecologic Disease | 17 | 0 | 0 -100 | 24 | 0 | 0 -100 |
| Low-Risk Heart Disease | 470 | 3 | 2 - 6 | 424 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 254 | 4 | 1 - 8 | 218 | 6 | 1 - 9 |
| Neuropsychiatric/Sensory Disease | 68 | 0 | 1 - 9 | 45 | 7 | 0 - 65 |
| Urologic Disease | 123 | 0 | 0 - 7 | 76 | 1 | 0 - 21 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 253 |
| Occupancy Rate (%): | 96 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 294 |
| Percent of Physicians Who Are Board Certified Specialists: | 79 |
| Interns and Residents: | 0 |
| Registered Nurses: | 417 |
| Licensed Practical Nurses: | 28 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Sequoia
Hospital
District

Whipple & Alameda
Redwood City, CA 94062
(415) 369-5811

October 24, 1988

Health Care Financing Administration
Health Standards & Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Re: Hospital Provider #05-0197

Dear Dr. Roper:

Mortality rates at Sequoia Hospital, as reported in the present data release, are for each diagnostic category either within or below the range of predicted mortality rates. From the standpoint of how well our actual rates compare with the predicted rates, our experience is one of low mortality.

As proof of our quality of care standard, it is not possible to place reliance on data such as these. The means of analysis is too one-dimensional for a matter as complex, involving subjective judgments, as the quality of care. There is no demonstration that a positive correlation exists between the data presented and the quality of care standards at the hospital. In the health care field, there is no concensus that low mortality rates, by and in themselves, define quality hospital care.

On its face, the analysis indicates that outcomes of care at Sequoia Hospital are very fine. Our concern is that this means of analysis is superficial and essentially non-informative, that consumers and others will come to rely upon this kind of simple information to signify more than the data sustain, and that the public will be misled that the rates are an adequate and accurate measure of quality of care.

Sincerely,

Richard R. Daniels
Administrator/CEO

RRD:ph

## SETON MEDICAL CENTER

1900 SULLIVAN AVE
DALY CITY, CA 94015

Medicare Hospital Provider Number: 050289

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,378 | 12 | 10 - 14 | 2,514 | 13 | 10 - 15 |
| Cancer | 88 | 45 | 30 - 54 | 93 | 39 | 32 - 56 |
| Cerebrovascular Accidents | 88 | 38 | 17 - 39 | 120 | 32 | 17 - 35 |
| Gastrointestinal Catastrophes | 19 | 21 | 18 - 58 | 24 | 38 | 20 - 60 |
| Infectious Disease | 36 | 42 | 21 - 55 | 31 | 42 | 17 - 54 |
| Metabolic/Electrolyte Disorders | 38 | 37 | 12 - 47 | 32 | 25 | 11 - 45 |
| Pulmonary Disease | 91 | 29 | 15 - 37 | 90 | 33 | 15 - 37 |
| Renal Failure | 16 | 38 | 13 - 69 | 18 | 33 | 16 - 71 |
| Severe Acute Heart Disease | 85 | 38 | 26 - 49 | 112 | 49 | 29 - 50 |
| Severe Chronic Heart Disease | 144 | 24 | 18 - 34 | 124 | 26 | 18 - 35 |
| Severe Trauma | 4 | 25 | 5 - 80 | 8 | 38 | 6 - 69 |
| Gastrointestinal Disease | 86 | 2 | 1 - 11 | 123 | 4 | 1 - 11 |
| Gynecologic Disease | 10 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 640 | 3 | 3 - 6 | 613 | 6 | 3 - 7 |
| Musculoskeletal/Skin Conditions | 168 | 5 | 1 - 10 | 175 | 2 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 58 | 0 | 0 - 11 | 56 | 5 | 0 - 41 |
| Urologic Disease | 52 | 2 | 0 - 19 | 62 | 0 | 0 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 310
Occupancy Rate (%): 75
Ownership/Control: Church

STAFFING

Total Number of Physicians: 282
Percent of Physicians Who Are Board Certified Specialists: 66
Interns and Residents: 0
Registered Nurses: 416
Licensed Practical Nurses: 37

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

**Seton** Medical Center - 05-0289

1900 SULLIVAN AVENUE DALY CITY CALIFORNIA 94015 (415) 992-4000

## PART I
## General Overview of Hospital and HCFA Data

The hospital is a 357 bed acute care hospital providing state of the art medical care. Because an unusually high percentage of patients are admitted for treatment of very serious conditions, the hospital must maintain a complex array of services. This complexity is measured by a formula called the Case Mix Index, which compares complexity of patients at each hospital to a hypothetical standard community hospital. The Case Mix at this hospital is 1.59 compared to the norm of 1.000, meaning that our patients are admitted with an acuity index 59% higher than the norm. The factors contributing to our high complexity are listed below.

Over thirty percent of the hospital's admissions are through the emergency room, indicating patients in an emergency condition including many trauma patients. Approximately fifty percent of our patient days are Medicare patients which means that we serve a large elderly population, at risk for many chronic illness and multiple health problems.

The hospital has an oncology program certified by the American College of Surgeons. Only one third of the acute care hospitals in the state offer certified cancer programs. We offer chemotherapy, radiation therapy, surgical services, an Oncology Care Nursing Unit and an outpatient Hospice Program for these patients, as well as care during the terminal phases of their illness.

The hospital is a major referral center for Cardiovascular Surgery Services. Nearly 700 open heart surgeries per year are performed here. We receive patients from other areas of the U.S. and other countries. Our high volume and referral status contribute to our complexity of services. The Heart Institute, located at the hospital, an educational and research institute that pioneers new procedures for the treatment of heart patients, has resulted in a hospital case load which includes over 1000 PTCA (Percutaneous Transluminal Coronary Angioplasty) procedures per year, and is doing basic research on other nonsurgical treatment modalities for maintaining the patency of coronary vessels.

This hospital was within the predicted death percentage range in all diagnostic categories reported in the 1986 and 1987 Medicare Morbidity Data release. In 1987, the overall mortality rate was 12%, at the center of the predicted range of 10-14%. Despite the very complex heart program, the "Severe Heart Disease" mortality rate for 1987 was 38%, well within the predicted range of 26 to 49%. The Cardiovascular Accident diagnostic category was the only one of the 17 categories where Seton Medical Center was near the top of the range, specifically 38%, with a predicted range of 17-39%. Of the 40 deaths, it is noteworthy that the average age of the patient was 81 years, whereas those admitted who did not die had an average age of 68 years. There are many severity of illness factors to consider, but age is of significance.

## PART II
## Hospital Quality Review Activities

Hospitals are required by their licensure organizations, the Joint Commission on Accreditation of Healthcare Organizations, the Health Care Financing Administration (HCFA), the State Medical Association and the state licensing agency, to assure quality of care. This is accomplished by a structure of various hospital and Medical Staff Committees whose responsibility is to develop methods of evaluating the delivery of medical services. A number of Committees have been established by the hospital to ensure that this evaluation is accomplished including Quality Assurance, Utilization Review, Tissue Committee for surgical case review and blood usage analysis, Pharmacy and Therapeutics Committee and Infection Control. These required activities have evolved over the years as a self check and monitoring system to ensure that the hospital and Medical Staff members have a method for identification and resolution of problems. Additionally, each month the physicians in each clinical department review and evaluate the cases of patients who have had complications or die. The results of the review are reported to the Medical Staff Executive Committee and members of the Board of Directors. This peer review mechanism is used to ensure that the medical staff and hospital monitor all health care delivery parameters to assure the best possible health care. Therefore, all the deaths reported in the HCFA release of 1987 deaths have already undergone Medical Staff monitoring and evaluation.

## PART III
## Health Care Financing Administration Medicare Patient Mortality Report

The data contained in the reports released by HCFA are for Medicare patients only, a population generally over the age of 65. Contained in this age group are many frail elderly with chronic conditions requiring hospitalization and treatment. The data lacks a severity of illness adjustment, thus mortality rates cannot be used to judge the quality of care. It is helpful to know something about the case mix index value of a hospital when evaluating mortality statistics. HCFA publishes a case mix index value for each participating provider in the Federal Register on a regular basis. Generalization of this data into the whole population, or ascribing the same treatment characteristics and mortality rates to another patient population would be inaccurate as the characteristics of other patient age groups are not the same.

It is important to keep in mind several factors related to the death rates prepared by the Health Care Financing Administration:

- Death statistics would be more meaningful if adjusted for the patients severity of illness.
- The diagnostic category for admission is not necessarily the cause of death.
- Complications and other conditions which arise during a hospitalization are not apparent in the summaries presented.
- The number of cases in a group highly influence the death rate percentage.
- Comparisons using this information create many problems because of the differences in hospital services available, the kind of patients treated, and the hospital type, i.e., urban, rural, university, teaching, etc.
- Persons using this data to make generalizations about the quality of health care attributed to a specific hospital or geographic area are well advised to acquire additional information.

## SHARP CABRILLO HOSP

3475 KENYON ST
SAN DIEGO, CA 92110

Medicare Hospital Provider Number: 050233

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,539 | 10 | 8 - 13 | 1,457 | 11 | 8 - 13 |
| Cancer | 40 | 45 | 22 - 54 | 55 | 42 | 27 - 56 |
| Cerebrovascular Accidents | 59 | 25 | 14 - 37 | 47 | 19 | 14 - 38 |
| Gastrointestinal Catastrophes | 12 | 25 | 12 - 62 | 5 | 20 | 5 - 74 |
| Infectious Disease | 12 | 17 | 12 - 58 | 14 | 21 | 13 - 59 |
| Metabolic/Electrolyte Disorders | 42 | 10 | 8 - 35 | 36 | 3 | 12 - 35 |
| Pulmonary Disease | 77 | 29 | 15 - 38 | 72 | 29 | 14 - 38 |
| Renal Failure | 7 | 43 | 9 - 78 | 6 | 100 | 16 - 75 |
| Severe Acute Heart Disease | 42 | 48 | 27 - 58 | 50 | 44 | 24 - 53 |
| Severe Chronic Heart Disease | 65 | 22 | 14 - 35 | 65 | 23 | 12 - 34 |
| Severe Trauma | 0 | - | - | 3 | 0 | 3 - 80 |
| Gastrointestinal Disease | 119 | 3 | 1 - 10 | 94 | 4 | 1 - 13 |
| Gynecologic Disease | 18 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 125 | 2 | 1 - 8 | 157 | 2 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 174 | 1 | 0 - 6 | 137 | 2 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 84 | 4 | 0 - 16 | 67 | 1 | 0 - 22 |
| Urologic Disease | 81 | 4 | 0 - 27 | 61 | 3 | 0 - 36 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

| | |
|---|---|
| Total Beds (#): | 250 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 156 |
| Licensed Practical Nurses: | 35 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SHASTA GEN HOSP

2630 HOSPITAL LANE
REDDING, CA 96001

Medicare Hospital Provider Number: 050362

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 220 | 7 | 5 - 13 | 349 | 12 | 6 - 14 |
| Cancer | 2 | 0 | 4 - 89 | 11 | 36 | 15 - 68 |
| Cerebrovascular Accidents | 9 | 44 | 9 - 67 | 5 | 40 | 3 - 77 |
| Gastrointestinal Catastrophes | 1 | 0 | 0 - 99 | 6 | 67 | 6 - 74 |
| Infectious Disease | 1 | 100 | 0 - 98 | 1 | 100 | 0 - 98 |
| Metabolic/Electrolyte Disorders | 4 | 50 | 3 - 82 | 2 | 50 | 2 - 92 |
| Pulmonary Disease | 8 | 13 | 9 - 61 | 19 | 26 | 8 - 49 |
| Renal Failure | 0 | - | - | 1 | 100 | 3 - 98 |
| Severe Acute Heart Disease | 2 | 0 | 1 - 90 | 11 | 64 | 14 - 67 |
| Severe Chronic Heart Disease | 15 | 20 | 9 - 51 | 17 | 18 | 11 - 49 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 13 | 0 | 0 - 99 | 23 | 4 | 0 - 79 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 8 | 0 | 0 -100 | 27 | 0 | 0 - 24 |
| Musculoskeletal/Skin Conditions | 14 | 0 | 0 - 98 | 52 | 0 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 87 | 0 | 0 - 10 | 63 | 0 | 0 - 15 |
| Urologic Disease | 5 | 0 | 0 - 98 | 19 | 0 | 0 - 94 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 73 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Interns and Residents: | 8 |
| Registered Nurses: | 57 |
| Licensed Practical Nurses: | 27 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SHERMAN OAKS COMMUNITY HOSPITAL

4929 VAN NUYS BLVD
CANOGA, CA 91403

Medicare Hospital Provider Number: 050114

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 871 | 14 | 11 - 17 | 961 | 14 | 12 - 17 |
| Cancer | 22 | 45 | 23 - 64 | 34 | 50 | 28 - 63 |
| Cerebrovascular Accidents | 32 | 25 | 13 - 44 | 16 | 31 | 9 - 54 |
| Gastrointestinal Catastrophes | 6 | 50 | 5 - 75 | 4 | 50 | 12 - 87 |
| Infectious Disease | 22 | 32 | 15 - 55 | 20 | 30 | 17 - 59 |
| Metabolic/Electrolyte Disorders | 20 | 50 | 12 - 56 | 28 | 14 | 12 - 44 |
| Pulmonary Disease | 63 | 40 | 21 - 47 | 48 | 27 | 16 - 43 |
| Renal Failure | 6 | 67 | 14 - 84 | 4 | 25 | 7 - 84 |
| Severe Acute Heart Disease | 53 | 53 | 31 - 59 | 77 | 40 | 33 - 57 |
| Severe Chronic Heart Disease | 32 | 13 | 14 - 39 | 48 | 23 | 15 - 40 |
| Severe Trauma | 2 | 100 | 1 - 91 | 2 | 50 | 3 - 92 |
| Gastrointestinal Disease | 24 | 0 | 0 - 31 | 28 | 4 | 0 - 43 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 94 | 4 | 1 - 12 | 100 | 4 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 94 | 0 | 1 - 6 | 126 | 1 | 0 - 7 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 -100 | 15 | 7 | 0 - 95 |
| Urologic Disease | 53 | 0 | 0 - 39 | 48 | 4 | 0 - 62 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 156 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

**SHERMAN OAKS COMMUNITY HOSPITAL**

HOSPITAL # 050114

October 15, 1988

Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

ATTN: Mrs. Sandra Kappert

RESPONSE TO MEDICARE HOSPITAL MORTALITY DATA: 1988

"Hospital Characteristics" data is incorrect. Sherman Oaks Community Hospital has a 30 bed Burn Unit, a 16 bed ICU/CCU (Critical Care Unit), a 10 bed Oncology Unit, and an 18 bed AIDS unit. The combination of these units accounts for an inordinately high percentage of critically ill patients.

We are not a Trauma Center but we are a Burn Center. The sampling in this survey under SEVERE TRAUMA is not statistically significant since only two patients were included. Both were severely burned elderly patients. Both were transferred to our facility from other area hospitals who felt they were not equipped to provide the specialized care required. As with the very young, burns to the elderly are particularly traumatic and mortality statistics rise dramatically when there is a high percentage of body area burned.

4929 Van Nuys Boulevard, Sherman Oaks, California 91403-1777 (818) 981-7111
A NU-MED HOSPITAL

Ongoing efforts to monitor and effect quality of care is AFCH's firm commitment. This Mortality Data provides but one tool to help us measure quality. One must also consider a multitude of other factors that grouped together from their separate foci promote the total picture of quality. Both the Medical Staff and the Hospital Staff at AFCH will utilize this information as part of their ongoing processes to assure quality health care.

Sincerely,

Benjamin E. McGlaughlin,
Administrator

BEM/lf

# SIERRA COMMUNITY HOSP

2025 E DAKOTA AVE
FRESNO, CA 93726

Medicare Hospital Provider Number: 050081

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 840 | 9 | 6 - 12 | 867 | 9 | 6 - 12 |
| Cancer | 11 | 45 | 13 - 68 | 13 | 46 | 15 - 66 |
| Cerebrovascular Accidents | 23 | 26 | 12 - 49 | 30 | 17 | 11 - 40 |
| Gastrointestinal Catastrophes | 10 | 40 | 14 - 71 | 7 | 57 | 9 - 74 |
| Infectious Disease | 7 | 0 | 11 - 57 | 8 | 38 | 6 - 69 |
| Metabolic/Electrolyte Disorders | 14 | 29 | 9 - 58 | 6 | 0 | 4 - 59 |
| Pulmonary Disease | 37 | 32 | 11 - 43 | 33 | 33 | 13 - 47 |
| Renal Failure | 5 | 20 | 6 - 78 | 3 | 33 | 4 - 88 |
| Severe Acute Heart Disease | 10 | 40 | 12 - 68 | 18 | 50 | 18 - 62 |
| Severe Chronic Heart Disease | 35 | 43 | 11 - 44 | 35 | 40 | 9 - 42 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 55 | 4 | 0 - 36 | 66 | 3 | 0 - 16 |
| Gynecologic Disease | 17 | 0 | 0 -100 | 17 | 0 | 0 -100 |
| Low-Risk Heart Disease | 72 | 1 | 1 - 10 | 79 | 3 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 172 | 2 | 0 - 8 | 160 | 2 | 0 - 8 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Urologic Disease | 62 | 0 | 0 - 14 | 57 | 0 | 0 - 16 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 77
Occupancy Rate (%): 61
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 308
Percent of Physicians Who Are Board Certified Specialists: 73
Interns and Residents: 0
Registered Nurses: 94
Licensed Practical Nurses: 3

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

## SIERRA NEVADA MEMORIAL HOSP

HIGHWAY 20 GLASSON WAY
GRASS VALLEY, CA 95945

Medicare Hospital Provider Number: 050150

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,527 | 11 | 11 - 16 | 1,431 | 12 | 11 - 16 |
| Cancer | 76 | 49 | 27 - 53 | 45 | 58 | 27 - 59 |
| Cerebrovascular Accidents | 63 | 25 | 18 - 41 | 68 | 28 | 19 - 42 |
| Gastrointestinal Catastrophes | 29 | 24 | 19 - 54 | 22 | 27 | 16 - 56 |
| Infectious Disease | 21 | 43 | 15 - 57 | 24 | 29 | 18 - 57 |
| Metabolic/Electrolyte Disorders | 35 | 11 | 11 - 39 | 34 | 9 | 10 - 38 |
| Pulmonary Disease | 110 | 16 | 16 - 33 | 118 | 14 | 17 - 34 |
| Renal Failure | 7 | 43 | 8 - 77 | 6 | 33 | 20 - 91 |
| Severe Acute Heart Disease | 72 | 22 | 27 - 48 | 85 | 32 | 30 - 51 |
| Severe Chronic Heart Disease | 80 | 14 | 16 - 33 | 63 | 30 | 12 - 36 |
| Severe Trauma | 2 | 0 | 1 - 91 | 2 | 0 | 1 - 89 |
| Gastrointestinal Disease | 111 | 3 | 1 - 10 | 75 | 3 | 0 - 15 |
| Gynecologic Disease | 10 | 0 | 0 - 87 | 21 | 0 | 0 -100 |
| Low-Risk Heart Disease | 170 | 3 | 2 - 8 | 165 | 1 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 146 | 1 | 1 - 7 | 148 | 2 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 24 | 0 | 0 - 46 | 26 | 0 | 0 - 39 |
| Urologic Disease | 66 | 2 | 0 - 23 | 56 | 0 | 0 - 22 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 113 |
| Occupancy Rate (%): | 56 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 72 |
| Percent of Physicians Who Are Board Certified Specialists: | 97 |
| Interns and Residents: | 0 |
| Registered Nurses: | 97 |
| Licensed Practical Nurses: | 15 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SIERRA VALLEY DISTRICT HOSP

309 W 3RD ST
LOYALTON, CA 96118

Medicare Hospital Provider Number: 050355

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 32 | 12 | 6 - 32 | 39 | 10 | 9 - 30 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 1 | 0 | 0 - 98 | 0 | - | - |
| Infectious Disease | 0 | - | - | 2 | 0 | 3 - 88 |
| Metabolic/Electrolyte Disorders | 1 | 0 | 1 - 97 | 3 | 33 | 1 - 90 |
| Pulmonary Disease | 5 | 60 | 5 - 78 | 5 | 20 | 2 - 74 |
| Renal Failure | 0 | - | - | 1 | 100 | 0 -100 |
| Severe Acute Heart Disease | 3 | 33 | 7 - 88 | 5 | 0 | 12 - 67 |
| Severe Chronic Heart Disease | 3 | 0 | 1 - 81 | 2 | 0 | 1 - 91 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 3 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 4 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 4 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 40
Occupancy Rate (%): 73
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 6
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## SIERRA VIEW DISTRICT HOSP

465 W PUTNAM AVE
PORTERVILLE, CA 93257

Medicare Hospital Provider Number: 050261

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,321 | 14 | 11 - 16 | 1,322 | 11 | 11 - 16 |
| Cancer | 15 | 27 | 16 - 61 | 11 | 36 | 16 - 69 |
| Cerebrovascular Accidents | 50 | 34 | 17 - 44 | 52 | 25 | 17 - 42 |
| Gastrointestinal Catastrophes | 12 | 42 | 13 - 66 | 9 | 44 | 9 - 69 |
| Infectious Disease | 5 | 20 | 9 - 76 | 14 | 43 | 15 - 65 |
| Metabolic/Electrolyte Disorders | 25 | 36 | 14 - 54 | 22 | 50 | 12 - 55 |
| Pulmonary Disease | 129 | 33 | 17 - 37 | 151 | 24 | 19 - 36 |
| Renal Failure | 3 | 33 | 10 - 92 | 5 | 60 | 10 - 85 |
| Severe Acute Heart Disease | 48 | 52 | 26 - 55 | 48 | 33 | 28 - 56 |
| Severe Chronic Heart Disease | 85 | 28 | 15 - 36 | 84 | 17 | 17 - 35 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 130 | 2 | 2 - 8 | 104 | 1 | 2 - 8 |
| Gynecologic Disease | 12 | 0 | 0 -100 | 15 | 0 | 0 -100 |
| Low-Risk Heart Disease | 159 | 4 | 2 - 9 | 143 | 4 | 2 - 10 |
| Musculoskeletal/Skin Conditions | 68 | 1 | 0 - 13 | 97 | 2 | 1 - 10 |
| Neuropsychiatric/Sensory Disease | 21 | 5 | 1 - 35 | 16 | 0 | 0 - 36 |
| Urologic Disease | 84 | 1 | 0 - 15 | 77 | 1 | 1 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 93
Occupancy Rate (%): 65
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

SIERRA VIEW LOCAL HOSPITAL DISTRICT

465 WEST PUTNAM AVENUE -:- TELEPHONE 784-1110
PORTERVILLE, CALIFORNIA 93257
Public Entity

September 20, 1988
Provider 050261

Health Standards and Quality Bureau
Attention: Sandra Kappert
2 D-2 Meadows East Bldg.
6325 Security Blvd.
Baltimore, Maryland 21207

Re: Medicare Hospital Mortality Information

Gentlemen:

It was noted on your hospital specific reporting of mortality information for 1987 and 1986, the following discrepancies with respect to the characteristics of this hospital.

| | |
|---|---|
| Sierra View District Hospital Beds # | 93* |
| Total Number of Physicians | 80* |
| Board Certified Specialists (%) | 69* |
| Licensed Practical Nurses per bed | .80* |

*Corrected figure.

Thank you for making these corrections for the mortality report.

Marilyn R. Pankey

Marilyn R. Pankey, RRA
Director of Medical Records

cc: Roger Good, Adm.
cc: David Wanger, Assist. Adm.

## SIERRA-KINGS HOSP

372 W CYPRESS AVE
REEDLEY, CA 93654

Medicare Hospital Provider Number: 050192

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 282 | 15 | 8 - 18 | 263 | 15 | 8 - 18 |
| Cancer | 5 | 40 | 10 - 81 | 8 | 63 | 23 - 83 |
| Cerebrovascular Accidents | 18 | 33 | 11 - 54 | 11 | 18 | 10 - 58 |
| Gastrointestinal Catastrophes | 1 | 0 | 0 - 98 | 1 | 0 | 0 - 98 |
| Infectious Disease | 0 | - | - | 1 | 0 | 0 - 98 |
| Metabolic/Electrolyte Disorders | 7 | 29 | 6 - 70 | 4 | 0 | 2 - 73 |
| Pulmonary Disease | 26 | 35 | 11 - 48 | 18 | 17 | 14 - 51 |
| Renal Failure | 2 | 50 | 7 - 96 | 1 | 0 | 3 - 99 |
| Severe Acute Heart Disease | 4 | 75 | 12 - 85 | 8 | 50 | 13 - 73 |
| Severe Chronic Heart Disease | 24 | 25 | 13 - 48 | 14 | 43 | 12 - 61 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 34 | 0 | 1 - 17 | 30 | 3 | 0 - 43 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 31 | 10 | 0 - 52 | 36 | 3 | 0 - 24 |
| Musculoskeletal/Skin Conditions | 19 | 0 | 0 - 78 | 20 | 15 | 0 - 99 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 -100 | 8 | 0 | 0 - 99 |
| Urologic Disease | 11 | 0 | 0 -100 | 11 | 9 | 0 - 99 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 36 |
| Occupancy Rate (%): | 36 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 13 |
| Percent of Physicians Who Are Board Certified Specialists: | 92 |
| Interns and Residents: | 0 |
| Registered Nurses: | 15 |
| Licensed Practical Nurses: | 1 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SIMI VALLEY ADVENTIST HOSP

2975 N SYCAMORE DR
SIMI VALLEY, CA 93062

Medicare Hospital Provider Number: 050236

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 755 | 14 | 11 - 17 | 481 | 14 | 10 - 17 |
| Cancer | 38 | 47 | 30 - 63 | 15 | 47 | 18 - 66 |
| Cerebrovascular Accidents | 28 | 39 | 11 - 47 | 24 | 42 | 15 - 53 |
| Gastrointestinal Catastrophes | 7 | 14 | 6 - 65 | 5 | 0 | 7 - 65 |
| Infectious Disease | 12 | 42 | 15 - 68 | 2 | 0 | 4 - 88 |
| Metabolic/Electrolyte Disorders | 9 | 11 | 4 - 57 | 9 | 22 | 8 - 64 |
| Pulmonary Disease | 54 | 17 | 13 - 36 | 30 | 20 | 8 - 40 |
| Renal Failure | 9 | 33 | 10 - 74 | 5 | 0 | 11 - 74 |
| Severe Acute Heart Disease | 16 | 63 | 21 - 66 | 19 | 63 | 21 - 63 |
| Severe Chronic Heart Disease | 52 | 21 | 12 - 36 | 41 | 24 | 11 - 39 |
| Severe Trauma | 1 | 0 | 0 - 99 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 38 | 0 | 0 - 21 | 31 | 6 | 0 - 52 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 103 | 1 | 2 - 8 | 71 | 1 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 49 | 4 | 1 - 18 | 28 | 4 | 0 - 69 |
| Neuropsychiatric/Sensory Disease | 24 | 0 | 0 - 45 | 12 | 0 | 1 - 42 |
| Urologic Disease | 27 | 0 | 0 - 63 | 14 | 0 | 0 - 92 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 70 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

# SIMI VALLEY ADVENTIST HOSPITAL **MEMO**

Date September 23, 1988

To HCFA Health Standards And Quality Bureau

From Chris Simafranca CS

Re. Medicare Hospital Mortality Information

Attached you will find the information which we received for Mountain View Medical Center. On 1/26/87, Simi Valley Adventist Hospital purchased Mountain View Medical Center. Prior to that date Safecare, which was their corporate office has all the information relating to Mountain View Medical Center.

The address for Safecare is:

Safecare
900 - 4th Ave., Suite 900
Seattle, WA 98104

If you have any further questions, please let me know. I can be reached at 805- 527-2462 Ext. 490 or my address is:

Simi Valley Adventist Hospital
2975 Sycamore Dr.
Simi Valley, CA 93062

## SISKIYOU GEN HOSP

818 S MAIN ST
YREKA, CA 96097

Medicare Hospital Provider Number: 050217

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 493 | 13 | 8 - 15 | 539 | 14 | 8 - 15 |
| Cancer | 16 | 44 | 14 - 61 | 12 | 25 | 12 - 62 |
| Cerebrovascular Accidents | 16 | 38 | 10 - 56 | 17 | 24 | 13 - 54 |
| Gastrointestinal Catastrophes | 5 | 80 | 3 - 74 | 5 | 80 | 12 - 79 |
| Infectious Disease | 2 | 0 | 2 - 89 | 2 | 0 | 4 - 89 |
| Metabolic/Electrolyte Disorders | 1 | 0 | 2 - 97 | 4 | 25 | 1 - 82 |
| Pulmonary Disease | 40 | 10 | 12 - 35 | 44 | 25 | 13 - 40 |
| Renal Failure | 4 | 100 | 13 - 80 | 6 | 33 | 13 - 84 |
| Severe Acute Heart Disease | 23 | 52 | 20 - 60 | 19 | 47 | 22 - 65 |
| Severe Chronic Heart Disease | 28 | 14 | 12 - 40 | 17 | 35 | 8 - 53 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 24 | 0 | 0 - 27 | 32 | 6 | 0 - 53 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 61 | 2 | 1 - 12 | 60 | 3 | 1 - 16 |
| Musculoskeletal/Skin Conditions | 60 | 3 | 0 - 25 | 72 | 7 | 1 - 18 |
| Neuropsychiatric/Sensory Disease | 7 | 0 | 0 - 81 | 6 | 0 | 0 - 84 |
| Urologic Disease | 29 | 3 | 0 - 89 | 27 | 4 | 0 - 43 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 52 |
| Occupancy Rate (%): | 37 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 29 |
| Percent of Physicians Who Are Board Certified Specialists: | 79 |
| Interns and Residents: | 0 |
| Registered Nurses: | 38 |
| Licensed Practical Nurses: | 16 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SONOMA STATE HOSP-MED SURG DIV

P O BOX 1400
ELDRIDGE, CA 95431

Medicare Hospital Provider Number: 050547

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 58 | 5 | 2 - 17 | 61 | 2 | 2 - 13 |
| Cancer | 0 | - | - | 1 | 100 | 1 - 97 |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 1 | 100 | 0 - 97 | 1 | 0 | 0 -100 |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 15 | 13 | 2 - 48 | 13 | 0 | 5 - 36 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 2 | 0 | 0 - 97 | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 2 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 4 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 2 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 2 | 0 | 0 -100 | 5 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 1,423 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | State Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## SONOMA VALLEY HOSP

347 ANDRIEUX ST
SONOMA, CA 95476

Medicare Hospital Provider Number: 050090

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 932 | 12 | 11 - 16 | 923 | 15 | 11 - 17 |
| Cancer | 34 | 35 | 20 - 54 | 28 | 61 | 26 - 63 |
| Cerebrovascular Accidents | 46 | 26 | 15 - 42 | 64 | 28 | 20 - 43 |
| Gastrointestinal Catastrophes | 11 | 64 | 14 - 68 | 7 | 71 | 14 - 76 |
| Infectious Disease | 14 | 29 | 16 - 63 | 5 | 80 | 14 - 81 |
| Metabolic/Electrolyte Disorders | 8 | 13 | 3 - 61 | 17 | 6 | 8 - 42 |
| Pulmonary Disease | 79 | 29 | 17 - 40 | 59 | 22 | 16 - 40 |
| Renal Failure | 3 | 67 | 8 - 91 | 3 | 33 | 6 - 88 |
| Severe Acute Heart Disease | 37 | 35 | 25 - 57 | 34 | 44 | 23 - 57 |
| Severe Chronic Heart Disease | 48 | 10 | 13 - 33 | 61 | 25 | 14 - 37 |
| Severe Trauma | 0 | - | - | 1 | 100 | 0 - 99 |
| Gastrointestinal Disease | 53 | 8 | 2 - 20 | 60 | 2 | 1 - 12 |
| Gynecologic Disease | 8 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 98 | 4 | 2 - 12 | 97 | 6 | 1 - 14 |
| Musculoskeletal/Skin Conditions | 101 | 5 | 1 - 13 | 99 | 4 | 0 - 13 |
| Neuropsychiatric/Sensory Disease | 16 | 0 | 0 - 85 | 19 | 5 | 0 - 88 |
| Urologic Disease | 37 | 0 | 0 - 55 | 29 | 10 | 0 - 97 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 85 |
| Occupancy Rate (%): | 55 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 44 |
| Percent of Physicians Who Are Board Certified Specialists: | 89 |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SONORA COMM HOSP

1 SOUTH FOREST ROAD
SONORA, CA 95370

Medicare Hospital Provider Number: 050335

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 789 | 11 | 8 - 14 | 749 | 9 | 9 - 14 |
| Cancer | 16 | 31 | 16 - 61 | 11 | 45 | 15 - 70 |
| Cerebrovascular Accidents | 34 | 29 | 17 - 48 | 34 | 18 | 16 - 44 |
| Gastrointestinal Catastrophes | 8 | 38 | 10 - 71 | 5 | 20 | 8 - 76 |
| Infectious Disease | 11 | 27 | 8 - 61 | 6 | 17 | 10 - 72 |
| Metabolic/Electrolyte Disorders | 12 | 25 | 8 - 59 | 14 | 7 | 6 - 45 |
| Pulmonary Disease | 52 | 35 | 15 - 42 | 50 | 12 | 14 - 36 |
| Renal Failure | 2 | 50 | 5 - 94 | 7 | 71 | 13 - 81 |
| Severe Acute Heart Disease | 28 | 29 | 22 - 56 | 26 | 23 | 20 - 54 |
| Severe Chronic Heart Disease | 31 | 19 | 14 - 43 | 37 | 22 | 14 - 41 |
| Severe Trauma | 0 | - | - | 2 | 50 | 1 - 94 |
| Gastrointestinal Disease | 75 | 0 | 1 - 8 | 54 | 2 | 1 - 15 |
| Gynecologic Disease | 12 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 111 | 4 | 1 - 10 | 102 | 2 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 84 | 2 | 0 - 18 | 78 | 1 | 0 - 15 |
| Neuropsychiatric/Sensory Disease | 12 | 8 | 0 -100 | 14 | 14 | 0 -100 |
| Urologic Disease | 36 | 8 | 0 - 90 | 33 | 0 | 0 - 30 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 140 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 68 |
| Percent of Physicians Who Are Board Certified Specialists: | 76 |
| Interns and Residents: | 0 |
| Registered Nurses: | 83 |
| Licensed Practical Nurses: | 13 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SOUTH BAY HOSP

514 N PROSPECT AVE
REDONDO BEACH, CA 90277

Medicare Hospital Provider Number: 050459

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 959 | 14 | 10 - 16 | 993 | 17 | 12 - 18 |
| Cancer | 34 | 56 | 30 - 65 | 54 | 50 | 29 - 59 |
| Cerebrovascular Accidents | 50 | 26 | 17 - 42 | 54 | 33 | 16 - 42 |
| Gastrointestinal Catastrophes | 10 | 30 | 14 - 69 | 10 | 40 | 8 - 66 |
| Infectious Disease | 19 | 47 | 19 - 64 | 17 | 35 | 13 - 59 |
| Metabolic/Electrolyte Disorders | 24 | 29 | 14 - 53 | 39 | 26 | 12 - 44 |
| Pulmonary Disease | 52 | 27 | 12 - 38 | 44 | 32 | 14 - 43 |
| Renal Failure | 4 | 25 | 9 - 85 | 9 | 11 | 17 - 75 |
| Severe Acute Heart Disease | 33 | 52 | 23 - 57 | 39 | 56 | 26 - 57 |
| Severe Chronic Heart Disease | 51 | 22 | 14 - 38 | 57 | 28 | 16 - 40 |
| Severe Trauma | 2 | 50 | 1 - 92 | 4 | 75 | 6 - 81 |
| Gastrointestinal Disease | 57 | 4 | 1 - 17 | 56 | 5 | 0 - 25 |
| Gynecologic Disease | 10 | 0 | 0 -100 | 12 | 8 | 0 -100 |
| Low-Risk Heart Disease | 105 | 3 | 1 - 10 | 89 | 2 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 96 | 2 | 0 - 11 | 81 | 0 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 32 | 3 | 0 - 53 | 15 | 0 | 0 - 88 |
| Urologic Disease | 41 | 0 | 0 - 54 | 31 | 3 | 0 - 44 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 174 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 455 |
| Percent of Physicians Who Are Board Certified Specialists: | 88 |
| Interns and Residents: | 0 |
| Registered Nurses: | 166 |
| Licensed Practical Nurses: | 22 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SOUTH COAST MEDICAL CENTER

31872 COAST HWY
SOUTH LAGUNA, CA 92677

Medicare Hospital Provider Number: 050193

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 864 | 9 | 9 - 15 | 889 | 10 | 9 - 14 |
| Cancer | 37 | 43 | 26 - 59 | 33 | 58 | 27 - 62 |
| Cerebrovascular Accidents | 33 | 21 | 15 - 45 | 46 | 24 | 17 - 43 |
| Gastrointestinal Catastrophes | 9 | 33 | 15 - 73 | 14 | 29 | 16 - 64 |
| Infectious Disease | 8 | 50 | 11 - 73 | 9 | 11 | 15 - 64 |
| Metabolic/Electrolyte Disorders | 14 | 14 | 9 - 52 | 18 | 11 | 9 - 46 |
| Pulmonary Disease | 39 | 23 | 16 - 44 | 33 | 36 | 10 - 44 |
| Renal Failure | 1 | 0 | 1 - 97 | 4 | 0 | 13 - 81 |
| Severe Acute Heart Disease | 33 | 24 | 22 - 53 | 22 | 23 | 20 - 56 |
| Severe Chronic Heart Disease | 32 | 22 | 10 - 40 | 29 | 24 | 11 - 43 |
| Severe Trauma | 2 | 50 | 1 - 92 | 2 | 0 | 1 - 90 |
| Gastrointestinal Disease | 48 | 2 | 0 - 18 | 46 | 0 | 1 - 12 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 136 | 5 | 1 - 11 | 132 | 2 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 99 | 0 | 1 - 6 | 112 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 29 | 3 | 0 - 40 | 27 | 7 | 0 - 75 |
| Urologic Disease | 34 | 0 | 0 - 30 | 38 | 0 | 0 - 59 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 152
Occupancy Rate (%): 49
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 139
Percent of Physicians Who Are Board Certified Specialists: 79
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

South Coast
Medical Center
Medicare Provider No. 050193

21 October 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

In response to your request, we are pleased to offer information on mortality statistics for the calendar year 1987.

The following information for South Coast Medical Center may be attached to the Hospital Specific Report for public disclosure.

South Coast Medical Center is a 268-bed, not-for-profit, general acute care hospital providing patient services ranging from critical care, out-patient surgery, maternity services, and a 24-hour emergency room to a chemical dependency unit and extensive rehabilitative services. Other services include an eating disorders program, physician referral service, and a mental health unit.

Please note that last year's report incorrectly showed number of beds as 43 and total number of physicians as 219. As noted above, South Coast is licensed for 268 beds and presently operates 152 beds. Total number of physicians is 345, with 61 percent board certified.

The Medical Staff at South Coast conducts an intensive review of the medical record of every patient who expires at this facility regarding medical management and overall care. Mortality review is an ongoing process of the Quality Assurance program and peer review activities are an integral part of the monitoring of the healthcare delivery system at this hospital.

Mrs. Sandra Kappert
HCFA
page 2     10/21/88

The hospital-specific mortality data reported by HCFA has been carefully reviewed by Hospital administrators, President of the Medical Staff, Physician Chairmen of the Utilization Review and Quality Assurance Committees, and the Director of Quality Review Services.

We are pleased to note that in all categories, South Coast Medical Center has once again remained within and on the lower end of the range of predicted mortality rates for our hospital. This data continues to indicate our commitment to providing quality care for our patients and the community we serve.

Thank you for providing this opportunity to present our response.

Very truly yours,

T. Michael Murray
President

Edward Kim, M.D.
Chief of Staff

bar

## SOUTHERN HUMBOLDT COMM HOSP DISTRICT

733 CEDAR ST
GARBERVILLE, CA 95440

Medicare Hospital Provider Number: 050482

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 96 | 10 | 6 - 19 | 97 | 9 | 5 - 18 |
| Cancer | 2 | 0 | 12 - 98 | 0 | - | - |
| Cerebrovascular Accidents | 1 | 0 | 0 - 99 | 3 | 0 | 2 - 81 |
| Gastrointestinal Catastrophes | 3 | 33 | 4 - 86 | 1 | 0 | 0 - 98 |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 1 | 100 | 1 - 97 | 1 | 0 | 0 -100 |
| Pulmonary Disease | 5 | 40 | 1 - 81 | 5 | 20 | 2 - 76 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 6 | 17 | 13 - 73 | 4 | 25 | 6 - 80 |
| Severe Chronic Heart Disease | 3 | 33 | 1 - 90 | 6 | 50 | 2 - 76 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 4 | 0 | 0 -100 | 4 | 25 | 0 - 96 |
| Gynecologic Disease | 0 | - | - | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 19 | 0 | 0 - 53 | 18 | 0 | 0 - 33 |
| Musculoskeletal/Skin Conditions | 9 | 0 | 0 - 98 | 10 | 0 | 0 - 80 |
| Neuropsychiatric/Sensory Disease | 3 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 3 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 18
Occupancy Rate (%): 22
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: 7
Percent of Physicians Who Are Board Certified Specialists: 100
Interns and Residents: 0
Registered Nurses: 9
Licensed Practical Nurses: 2

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## SOUTHERN INYO HOSP

501 E LOCUST ST
LONE PINE, CA 93545

Medicare Hospital Provider Number: 050388

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 139 | 17 | 8 - 21 | 97 | 10 | 7 - 20 |
| Cancer | 5 | 60 | 5 - 78 | 1 | 100 | 0 - 98 |
| Cerebrovascular Accidents | 5 | 80 | 9 - 76 | 3 | 33 | 4 - 86 |
| Gastrointestinal Catastrophes | 1 | 100 | 3 - 98 | 1 | 100 | 0 - 98 |
| Infectious Disease | 1 | 100 | 1 - 97 | 2 | 50 | 2 - 92 |
| Metabolic/Electrolyte Disorders | 3 | 0 | 3 - 79 | 5 | 20 | 2 - 77 |
| Pulmonary Disease | 14 | 29 | 10 - 57 | 6 | 17 | 8 - 70 |
| Renal Failure | 2 | 50 | 2 - 92 | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 4 | 0 | 10 - 74 |
| Severe Chronic Heart Disease | 9 | 33 | 6 - 65 | 8 | 0 | 8 - 50 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 7 | 14 | 0 - 98 | 5 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 13 | 15 | 0 - 96 | 14 | 7 | 0 - 92 |
| Musculoskeletal/Skin Conditions | 18 | 0 | 0 - 90 | 12 | 0 | 0 - 99 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 2 | 0 | 0 -100 | 3 | 0 | 0 - 98 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 36 |
| Occupancy Rate (%): | 19 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 3 |
| Percent of Physicians Who Are Board Certified Specialists: | 100 |
| Interns and Residents: | 0 |
| Registered Nurses: | 12 |
| Licensed Practical Nurses: | 2 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ST BERNARDINE MEDICAL CENTER

2101 N WATERMAN AVE
SAN BERNARDINO, CA 92404

Medicare Hospital Provider Number: 050129

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,877 | 14 | 11 - 15 | 3,107 | 13 | 11 - 15 |
| Cancer | 115 | 39 | 30 - 53 | 118 | 29 | 29 - 51 |
| Cerebrovascular Accidents | 162 | 24 | 18 - 34 | 118 | 31 | 19 - 38 |
| Gastrointestinal Catastrophes | 34 | 29 | 19 - 53 | 26 | 42 | 19 - 59 |
| Infectious Disease | 31 | 45 | 19 - 56 | 32 | 41 | 18 - 55 |
| Metabolic/Electrolyte Disorders | 68 | 29 | 14 - 42 | 56 | 29 | 14 - 43 |
| Pulmonary Disease | 186 | 30 | 19 - 36 | 173 | 29 | 18 - 35 |
| Renal Failure | 12 | 50 | 8 - 70 | 14 | 36 | 12 - 71 |
| Severe Acute Heart Disease | 88 | 35 | 26 - 48 | 119 | 49 | 30 - 50 |
| Severe Chronic Heart Disease | 145 | 26 | 16 - 32 | 156 | 27 | 16 - 32 |
| Severe Trauma | 5 | 40 | 3 - 78 | 7 | 43 | 15 - 80 |
| Gastrointestinal Disease | 144 | 5 | 1 - 11 | 178 | 8 | 1 - 11 |
| Gynecologic Disease | 33 | 0 | 0 -100 | 32 | 0 | 0 -100 |
| Low-Risk Heart Disease | 423 | 4 | 2 - 6 | 545 | 4 | 3 - 7 |
| Musculoskeletal/Skin Conditions | 251 | 4 | 1 - 7 | 277 | 3 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 73 | 4 | 0 - 22 | 81 | 0 | 1 - 7 |
| Urologic Disease | 136 | 1 | 1 - 8 | 108 | 1 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 311 |
| Occupancy Rate (%): | 63 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 200 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 353 |
| Licensed Practical Nurses: | 33 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

ST. BERNARDINE MEDICAL CENTER

2101 North Waterman Avenue
San Bernardino, California 92404-4836 • (714) 883-8711

September 23, 1988

Medicare Provider
Number: 050129

Health Care Standards and Quality Bureau HCFA
Attn: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

The Medicare Hospital Mortality Information for 1987 was received this week, and we have been reviewing the figures and other information in detail during the week. We realize as do you that this information on hospital mortality rates is very useful although complex issues, such as severity of illness, will require additional statistical analysis in the future. Under these circumstances, judgement about quality of care in an individual hospital or among many hospitals may be impossible to make.

We are, however, please to note that this mortality information does show that in every diagnostic category the mortality rate at Saint Bernardine Medical Center fell well within the range for predicted mortality. We believe this to be a result of the on-going monitoring and assessment of quality of care in the delivery of health services at our institution. With these programs in place, we anticipate continued gratifying reports in the future. We are also working to develop programs to more clearly define the severity of illness in view of the fact that many of our patients are in the category of those more severely ill.

As a technical matter, you recorded our bed capacity as 210 while we actually have 311 beds. This will probably show in the 1987 American Hospital Association Survey of Hospital Report which will be available before the December publication.

We are gratified to work with the Health Care Financing Administration (HCFA) and appreciate the information that you are providing to us.

Sincerely,

Michael E. Markley
Administrator

/nd

Formerly St. Bernardine Hospital

## ST CATHERINE HOSPITAL

MARINE BLVD AND ETHELDORE ST
MOSS BEACH, CA 94038

Medicare Hospital Provider Number: 050613

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 62 | 26 | 9 - 31 | 69 | 13 | 7 - 24 |
| Cancer | 1 | 100 | 0 - 98 | 1 | 0 | 2 - 97 |
| Cerebrovascular Accidents | 3 | 33 | 6 - 87 | 2 | 100 | 1 - 91 |
| Gastrointestinal Catastrophes | 1 | 0 | 0 - 98 | 0 | - | - |
| Infectious Disease | 3 | 67 | 6 - 87 | 1 | 0 | 0 - 99 |
| Metabolic/Electrolyte Disorders | 0 | - | - | 2 | 0 | 0 - 94 |
| Pulmonary Disease | 14 | 50 | 11 - 60 | 14 | 29 | 12 - 58 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 1 | 100 | 3 - 98 | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 4 | 25 | 2 - 81 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 3 | 33 | 0 - 93 | 6 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 3 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 7 | 0 | 0 - 88 | 6 | 0 | 1 - 62 |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 2 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 3 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1985

| | |
|---|---|
| Total Beds (#): | 13 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 22 |
| Licensed Practical Nurses: | 6 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ST ELIZABETH COMMUNITY HOSPITAL

2550 SOUTH MAIN STREET
RED BLUFF, CA 96080

Medicare Hospital Provider Number: 050042

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 831 | 11 | 10 - 15 | 804 | 12 | 10 - 16 |
| Cancer | 16 | 56 | 24 - 71 | 19 | 37 | 21 - 64 |
| Cerebrovascular Accidents | 39 | 21 | 14 - 41 | 35 | 26 | 17 - 47 |
| Gastrointestinal Catastrophes | 6 | 33 | 4 - 73 | 10 | 30 | 16 - 70 |
| Infectious Disease | 6 | 50 | 10 - 77 | 4 | 0 | 15 - 78 |
| Metabolic/Electrolyte Disorders | 21 | 24 | 8 - 49 | 20 | 5 | 11 - 41 |
| Pulmonary Disease | 63 | 19 | 14 - 36 | 49 | 14 | 13 - 36 |
| Renal Failure | 4 | 75 | 14 - 90 | 5 | 40 | 16 - 91 |
| Severe Acute Heart Disease | 41 | 39 | 25 - 56 | 36 | 53 | 23 - 56 |
| Severe Chronic Heart Disease | 46 | 28 | 12 - 39 | 43 | 33 | 15 - 44 |
| Severe Trauma | 4 | 25 | 6 - 81 | 2 | 50 | 0 - 95 |
| Gastrointestinal Disease | 45 | 4 | 1 - 22 | 56 | 4 | 0 - 22 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 12 | 0 | 0 -100 |
| Low-Risk Heart Disease | 82 | 2 | 1 - 11 | 88 | 5 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 88 | 2 | 0 - 12 | 67 | 0 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 14 | 0 | 0 - 97 | 23 | 0 | 0 - 86 |
| Urologic Disease | 37 | 0 | 0 - 61 | 36 | 3 | 0 - 39 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 76 |
| Occupancy Rate (%): | 54 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 47 |
| Percent of Physicians Who Are Board Certified Specialists: | 72 |
| Interns and Residents: | 0 |
| Registered Nurses: | 93 |
| Licensed Practical Nurses: | 9 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Sister Mary Columba Drive
Red Bluff, California 96080

ST. ELIZABETH COMMUNITY HOSPITAL

Phone (916) 527-211

October 26, 1988

Dear Health Care Consumer:

Re: Mortality Statistics - HCFA Mortality Data Release
December 1986 - January 1988

Thank you for the opportunity to provide input on the mortality statistics for the period stated above. The data has been reviewed and found to be accurate with minor exceptions. We are pleased that the actual mortality rates are within the range of predicted mortality rate in all categories.

A total of 831 Medicare patients received medical care during the reporting time. Of these cases, 95 were deaths which occurred within thirty days of the last admission to the hospital; sixteen of these occurred after discharge.

The sixteen deaths which occurred after discharge from St. Elizabeth Community Hospital have additional factors to be considered:

- "No Code" per patient and family request.
- Transferred to another acute facility for specialist care.
- Admitted after discharge from another acute facility.
- Patient discharged to home per patient/family insistence.
- Patient discharged to a Skilled Nursing Facility.

It should be noted that the only hospital admissions which are counted in this period are the ones closest to the date of death. One patient could have several admissions during this period, but for purposes of this study the other admissions are not counted. The death rate does not always indicate the cause of death. If a patient is admitted for a condition and also has a terminal condition the case would be included under the reason admitted and not necessarily the cause of death.

Mortality review is only one aspect of an ongoing process of the hospital-wide quality assurance program and peer review activities are an integral part of the monitoring of the health-care delivery system at this hospital.

Cases in which quality of care are an issue are further reviewed by the Quality Assurance Committee and reported to our Board of Directors.

Although our mortality rates are within the predicted range, we will use analysis of this data as an educational tool in our endeavor to provide the highest quality of care to our patients at St. Elizabeth Community Hospital.

Sincerely,

Mildred Johnstone

M. Johnstone, R.N.
Vice President

MJ/PW:ch

## ST FRANCIS HOSP

601 E MICHELTORENA ST
SANTA BARBARA, CA 93103

Medicare Hospital Provider Number: 050061

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,098 | 8 | 9 - 13 | 1,129 | 12 | 9 - 15 |
| Cancer | 28 | 43 | 21 - 59 | 25 | 48 | 23 - 62 |
| Cerebrovascular Accidents | 56 | 18 | 16 - 38 | 57 | 28 | 18 - 42 |
| Gastrointestinal Catastrophes | 9 | 0 | 15 - 55 | 10 | 40 | 11 - 68 |
| Infectious Disease | 12 | 17 | 13 - 59 | 14 | 21 | 11 - 57 |
| Metabolic/Electrolyte Disorders | 17 | 12 | 6 - 45 | 25 | 16 | 10 - 45 |
| Pulmonary Disease | 50 | 16 | 15 - 38 | 43 | 26 | 12 - 40 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 38 | 47 | 23 - 55 | 47 | 45 | 26 - 56 |
| Severe Chronic Heart Disease | 48 | 21 | 12 - 37 | 57 | 25 | 13 - 37 |
| Severe Trauma | 1 | 0 | 1 - 97 | 4 | 0 | 6 - 72 |
| Gastrointestinal Disease | 60 | 3 | 1 - 17 | 50 | 2 | 1 - 16 |
| Gynecologic Disease | 12 | 0 | 0 -100 | 15 | 0 | 0 -100 |
| Low-Risk Heart Disease | 86 | 3 | 1 - 12 | 85 | 5 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 132 | 1 | 1 - 6 | 117 | 1 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 113 | 0 | 1 - 6 | 117 | 3 | 0 - 13 |
| Urologic Disease | 51 | 4 | 0 - 33 | 59 | 0 | 0 - 12 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 110 |
| Occupancy Rate (%): | 37 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 194 |
| Percent of Physicians Who Are Board Certified Specialists: | 88 |
| Interns and Residents: | 0 |
| Registered Nurses: | 80 |
| Licensed Practical Nurses: | 25 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ST FRANCIS MEDICAL CENTER

3630 EAST IMPERIAL HIGHWAY
LYNWOOD, CA 90262

Medicare Hospital Provider Number: 050104

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,394 | 15 | 11 - 15 | 2,602 | 15 | 11 - 15 |
| Cancer | 73 | 40 | 27 - 53 | 89 | 46 | 30 - 54 |
| Cerebrovascular Accidents | 136 | 31 | 19 - 36 | 155 | 26 | 19 - 35 |
| Gastrointestinal Catastrophes | 26 | 31 | 15 - 53 | 19 | 58 | 15 - 60 |
| Infectious Disease | 43 | 33 | 20 - 52 | 43 | 40 | 20 - 53 |
| Metabolic/Electrolyte Disorders | 52 | 27 | 15 - 44 | 39 | 41 | 14 - 48 |
| Pulmonary Disease | 137 | 39 | 18 - 38 | 142 | 37 | 19 - 38 |
| Renal Failure | 13 | 8 | 10 - 62 | 17 | 47 | 19 - 76 |
| Severe Acute Heart Disease | 83 | 36 | 28 - 50 | 98 | 44 | 27 - 48 |
| Severe Chronic Heart Disease | 144 | 22 | 16 - 32 | 173 | 22 | 16 - 31 |
| Severe Trauma | 4 | 50 | 4 - 82 | 2 | 50 | 1 - 92 |
| Gastrointestinal Disease | 106 | 5 | 1 - 12 | 128 | 4 | 1 - 10 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 22 | 0 | 0 -100 |
| Low-Risk Heart Disease | 310 | 4 | 2 - 7 | 334 | 2 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 161 | 4 | 1 - 9 | 196 | 3 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 154 | 1 | 0 - 11 | 189 | 2 | 0 - 8 |
| Urologic Disease | 90 | 2 | 0 - 16 | 120 | 3 | 1 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 514 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 331 |
| Licensed Practical Nurses: | 103 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ST FRANCIS MEMORIAL HOSP

900 HYDE ST
SAN FRANCISCO, CA 94109

Medicare Hospital Provider Number: 050152

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,801 | 12 | 11 - 16 | 1,804 | 12 | 11 - 15 |
| Cancer | 104 | 32 | 34 - 57 | 100 | 39 | 30 - 54 |
| Cerebrovascular Accidents | 88 | 25 | 18 - 37 | 95 | 29 | 18 - 38 |
| Gastrointestinal Catastrophes | 20 | 35 | 13 - 57 | 15 | 53 | 16 - 66 |
| Infectious Disease | 21 | 48 | 19 - 62 | 19 | 16 | 22 - 60 |
| Metabolic/Electrolyte Disorders | 52 | 17 | 10 - 38 | 37 | 16 | 13 - 42 |
| Pulmonary Disease | 85 | 26 | 17 - 38 | 82 | 22 | 15 - 36 |
| Renal Failure | 2 | 50 | 1 - 94 | 10 | 50 | 16 - 80 |
| Severe Acute Heart Disease | 71 | 41 | 27 - 52 | 63 | 51 | 28 - 53 |
| Severe Chronic Heart Disease | 135 | 17 | 17 - 31 | 108 | 17 | 17 - 33 |
| Severe Trauma | 5 | 0 | 6 - 65 | 6 | 0 | 6 - 60 |
| Gastrointestinal Disease | 73 | 4 | 1 - 15 | 58 | 0 | 1 - 9 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 142 | 6 | 1 - 12 | 132 | 4 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 233 | 2 | 1 - 6 | 253 | 2 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 114 | 1 | 0 - 11 | 163 | 2 | 0 - 9 |
| Urologic Disease | 55 | 0 | 0 - 13 | 59 | 2 | 0 - 21 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 229 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 262 |
| Percent of Physicians Who Are Board Certified Specialists: | 76 |
| Interns and Residents: | 6 |
| Registered Nurses: | 202 |
| Licensed Practical Nurses: | 20 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Saint Francis Memorial Hospital**

Post Office Box 7726 San Francisco, California 94120 (415) 775-4321

050152

Dear Health Care Consumer:

Saint Francis Memorial Hospital, an acute, non-profit community hospital, located near downtown San Francisco, is pleased to comment on the HCFA's mortality statistics.

Approximately 43% of our admissions are Medicare Patients. In addition to a wide range of medical and surgical services, we offer the following specialized services: a sophisticated oncology (cancer) unit, a psychiatric service which includes both "locked" and "unlocked" areas, a burn center and a general intensive care unit, as well as a coronary care unit.

The Medical Staff at Saint Francis Memorial Hospital conducts an intensive review of the medical record of every patient who expires at this facility with regard to medical management and overall care. Mortality review is an on-going process of the Quality Assurance program and peer review activities are an integral part of the monitoring of the healthcare delivery system at this hospital. The Joint Commission on Accreditation of Healthcare Organizations recently bestowed on this facility its highest commendations for the hospital Quality Assurance program and the excellent peer review process that is performed.

The hospital's specific mortality data reported by HCFA has been carefully reviewed by: the hospital administrators, President of the Medical Staff, Physician Chairmen of the Utilization Review and Quality Assurance Committees and the Director of Medical Records. Our overall percentage of deaths is at the low end of the predicted range, and in no area did we exceed the predicted range. In fact, in 12 of the 16 specific diagnosis categories, the data shows we are at or below the midpoint of the range.

Saint Francis Memorial Hospital is proud of its long history of delivering excellent service to the community and feels that these statistics will assist us in focusing our efforts for further improving the care delivered to our patients. We support all responsible efforts designed to assist healthcare consumers in making informed choices. If you have a question, please call:

Dick Slottow, Community Relations
(415) 775-4321 Ext. 3210

Sincerely,

Kenneth J. Hammerman, MD; Chief of the Medical Staff
John G. Williams; President and CEO

Attachment

A Non-Profit, Non-Sectarian Hospital,
Established in 1905.

## ST HELENA HOSP & HEALTH CENTER

SANITARIUM WOODLAND STS
DEER PARK, CA 94576

Medicare Hospital Provider Number: 050013

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,238 | 8 | 8 - 12 | 1,329 | 9 | 8 - 12 |
| Cancer | 21 | 29 | 17 - 56 | 25 | 24 | 21 - 57 |
| Cerebrovascular Accidents | 38 | 24 | 14 - 42 | 44 | 23 | 17 - 43 |
| Gastrointestinal Catastrophes | 3 | 33 | 4 - 86 | 10 | 40 | 11 - 68 |
| Infectious Disease | 4 | 25 | 4 - 80 | 4 | 25 | 9 - 82 |
| Metabolic/Electrolyte Disorders | 7 | 14 | 3 - 65 | 16 | 63 | 10 - 58 |
| Pulmonary Disease | 37 | 24 | 15 - 44 | 43 | 14 | 13 - 37 |
| Renal Failure | 5 | 20 | 5 - 78 | 2 | 50 | 2 - 92 |
| Severe Acute Heart Disease | 99 | 26 | 28 - 48 | 64 | 27 | 29 - 52 |
| Severe Chronic Heart Disease | 40 | 27 | 11 - 40 | 49 | 33 | 13 - 40 |
| Severe Trauma | 2 | 0 | 3 - 88 | 0 | - | - |
| Gastrointestinal Disease | 36 | 3 | 0 - 26 | 44 | 2 | 0 - 21 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 349 | 3 | 2 - 6 | 349 | 4 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 76 | 4 | 0 - 22 | 74 | 7 | 0 - 22 |
| Neuropsychiatric/Sensory Disease | 164 | 1 | 0 - 7 | 174 | 1 | 0 - 6 |
| Urologic Disease | 35 | 3 | 0 - 29 | 37 | 0 | 0 - 20 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 165 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

ST.
HELENA
HOSPITAL

HEALTH
CENTER

A Member of Adventist Health System/West

050013

October 10 1988

Health Standards and Quality Bureau, HCFC
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore MD 21207

Dear Mrs. Kappert:

Thank you for the documentation reflecting mortality information as it relates to Medicare patients discharged from St. Helena Hospital & Health Center during 1987. I was encouraged to see the changes that have been made in the Medicare Hospital Mortality Information Report.

St. Helena Hospital was below the range for predicted mortality in two of the diagnostic categories and within the range on the other fifteen categories. We believe that the medical staff committees - which monitor the quality of care, appropriateness of admission, and utilization of services - help us as we strive for excellence in the health care field.

St. Helena Hospital & Health Center is dedicated to providing quality care and has instituted the Medisgroup Severity of Illness Indicators to help interpret the mortality rates of patients - for internal management and quality assurance purposes. We are committed to giving the best up-to-date care and monitoring to our patients.

We appreciate the opportunity to participate in this effort to produce and publish meaningful, accurate information. If you have any questions, contact Sharlet Waters at 707 963-6322.

Sincerely,

Leonard Yost
President

650 Sanitarium Road
Deer Park, California 94576
(707) 963-3611

ST.
HELENA
HOSPITAL

HEALTH
CENTER

A Member of Adventist Health System/West

050013

October 10 1988

Health Standards and Quality Bureau, HCFC
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore MD 21207

Dear Mrs. Kappert:

Thank you for the documentation reflecting mortality information as it relates to Medicare patients discharged from St. Helena Hospital & Health Center during 1987. I am writing to request the following Diagnostic Categories be deleted from publication because of the low amount of cases in each category:

| CATEGORY | CASES |
|---|---|
| Gastrointestinal Catastrophies | 3 |
| Infectious Diseases | 4 |
| Metabolic/Electrolyte Disturbances | 7 |
| Renal Failure | 5 |

In each of these categories one patient died, but because of the low count the mortality rate looks high even though it is within the predicted mortality range.

The following changes need to be made in the hospital characteristics:

| SURVEY AND YEAR AHA 1986 | |
|---|---|
| Beds (#) | 165 |
| Occupancy Rate (%) | 56 |

| SPECIALTY SERVICES: | |
|---|---|
| Shock/Trauma or Burn Unit | No |
| Coronary Care Unit | Yes |
| Organ Transplant Service | No |
| Hospice Care | Yes |

Thank you for making these changes in the report. If you have any questions, please contact Sharlet Waters at 707 963-6322.

Sincerely,

Leonard Yost
President

650 Sanitarium Road
Deer Park, California 94576
(707) 963-3611

## ST JOHN'S REGIONAL MEDICAL CTR

333 NORTH F ST
OXNARD, CA 93030

Medicare Hospital Provider Number: 050082

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,045 | 12 | 11 - 15 | 2,046 | 13 | 11 - 15 |
| Cancer | 99 | 52 | 33 - 56 | 90 | 51 | 33 - 57 |
| Cerebrovascular Accidents | 92 | 34 | 18 - 39 | 99 | 30 | 19 - 39 |
| Gastrointestinal Catastrophes | 31 | 45 | 21 - 58 | 22 | 23 | 19 - 58 |
| Infectious Disease | 27 | 30 | 21 - 58 | 21 | 43 | 16 - 59 |
| Metabolic/Electrolyte Disorders | 23 | 17 | 8 - 45 | 28 | 25 | 12 - 48 |
| Pulmonary Disease | 95 | 24 | 17 - 38 | 105 | 25 | 19 - 39 |
| Renal Failure | 8 | 0 | 18 - 70 | 13 | 38 | 13 - 73 |
| Severe Acute Heart Disease | 75 | 32 | 26 - 49 | 71 | 45 | 28 - 52 |
| Severe Chronic Heart Disease | 76 | 14 | 15 - 32 | 85 | 29 | 15 - 36 |
| Severe Trauma | 2 | 50 | 4 - 93 | 4 | 25 | 4 - 80 |
| Gastrointestinal Disease | 151 | 5 | 1 - 10 | 131 | 2 | 2 - 8 |
| Gynecologic Disease | 39 | 0 | 0 -100 | 26 | 0 | 0 -100 |
| Low-Risk Heart Disease | 232 | 5 | 2 - 8 | 227 | 4 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 171 | 4 | 0 - 10 | 166 | 5 | 0 - 11 |
| Neuropsychiatric/Sensory Disease | 38 | 3 | 1 - 20 | 62 | 3 | 0 - 21 |
| Urologic Disease | 122 | 0 | 0 - 6 | 121 | 2 | 0 - 13 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 260 |
| Occupancy Rate (%): | 67 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 187 |
| Percent of Physicians Who Are Board Certified Specialists: | 70 |
| Interns and Residents: | 0 |
| Registered Nurses: | 195 |
| Licensed Practical Nurses: | 37 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ST JOHNS HOSP HEALTH CENTER

1328 22ND ST
SANTA MONICA, CA 90404

Medicare Hospital Provider Number: 050290

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,575 | 8 | 9 - 12 | 3,519 | 9 | 9 - 13 |
| Cancer | 138 | 34 | 31 - 52 | 158 | 33 | 32 - 52 |
| Cerebrovascular Accidents | 108 | 23 | 20 - 38 | 130 | 25 | 20 - 37 |
| Gastrointestinal Catastrophes | 20 | 25 | 23 - 63 | 33 | 36 | 17 - 53 |
| Infectious Disease | 41 | 29 | 22 - 53 | 32 | 31 | 21 - 56 |
| Metabolic/Electrolyte Disorders | 31 | 16 | 10 - 42 | 34 | 26 | 11 - 45 |
| Pulmonary Disease | 148 | 27 | 18 - 36 | 152 | 26 | 20 - 38 |
| Renal Failure | 13 | 31 | 21 - 78 | 12 | 33 | 13 - 73 |
| Severe Acute Heart Disease | 118 | 33 | 29 - 49 | 102 | 36 | 33 - 54 |
| Severe Chronic Heart Disease | 110 | 20 | 16 - 32 | 123 | 15 | 18 - 33 |
| Severe Trauma | 4 | 25 | 6 - 81 | 7 | 14 | 5 - 65 |
| Gastrointestinal Disease | 213 | 3 | 1 - 8 | 203 | 1 | 1 - 6 |
| Gynecologic Disease | 47 | 0 | 0 -100 | 43 | 0 | 0 -100 |
| Low-Risk Heart Disease | 428 | 2 | 2 - 5 | 397 | 3 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 527 | 1 | 1 - 4 | 523 | 1 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 138 | 1 | 1 - 8 | 152 | 3 | 0 - 10 |
| Urologic Disease | 210 | 0 | 0 - 6 | 173 | 1 | 0 - 9 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 521 |
| Occupancy Rate (%): | 52 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 461 |
| Percent of Physicians Who Are Board Certified Specialists: | 77 |
| Interns and Residents: | 0 |
| Registered Nurses: | 289 |
| Licensed Practical Nurses: | 39 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ST JOSEPH HOSP

2700 DOLBEER ST
EUREKA, CA 95501

Medicare Hospital Provider Number: 050006

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,094 | 14 | 9 - 15 | 1,163 | 16 | 11 - 16 |
| Cancer | 42 | 52 | 23 - 55 | 63 | 41 | 28 - 56 |
| Cerebrovascular Accidents | 50 | 34 | 14 - 41 | 47 | 32 | 16 - 43 |
| Gastrointestinal Catastrophes | 9 | 33 | 13 - 71 | 9 | 44 | 15 - 74 |
| Infectious Disease | 15 | 33 | 16 - 63 | 22 | 36 | 16 - 57 |
| Metabolic/Electrolyte Disorders | 27 | 15 | 14 - 47 | 27 | 19 | 13 - 47 |
| Pulmonary Disease | 43 | 23 | 13 - 41 | 56 | 32 | 15 - 42 |
| Renal Failure | 2 | 50 | 2 - 93 | 7 | 29 | 16 - 83 |
| Severe Acute Heart Disease | 31 | 52 | 23 - 58 | 44 | 48 | 23 - 53 |
| Severe Chronic Heart Disease | 43 | 19 | 13 - 37 | 52 | 25 | 15 - 40 |
| Severe Trauma | 0 | - | - | 3 | 0 | 1 - 82 |
| Gastrointestinal Disease | 63 | 3 | 0 - 17 | 53 | 4 | 0 - 23 |
| Gynecologic Disease | 6 | 17 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 134 | 4 | 2 - 10 | 142 | 9 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 122 | 5 | 0 - 17 | 123 | 2 | 0 - 10 |
| Neuropsychiatric/Sensory Disease | 32 | 9 | 0 - 59 | 41 | 7 | 0 - 51 |
| Urologic Disease | 40 | 0 | 0 - 41 | 34 | 0 | 0 - 24 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 69 |
| Occupancy Rate (%): | 74 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 104 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 0 |
| Registered Nurses: | 74 |
| Licensed Practical Nurses: | 16 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ST JOSEPH HOSP

1100 W STEWART DR
ORANGE, CA 92668

Medicare Hospital Provider Number: 050069

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,228 | 11 | 9 - 13 | 3,036 | 10 | 9 - 13 |
| Cancer | 137 | 45 | 31 - 53 | 133 | 51 | 34 - 55 |
| Cerebrovascular Accidents | 117 | 23 | 19 - 36 | 98 | 27 | 19 - 38 |
| Gastrointestinal Catastrophes | 31 | 42 | 15 - 53 | 36 | 14 | 18 - 47 |
| Infectious Disease | 36 | 28 | 21 - 54 | 30 | 33 | 24 - 61 |
| Metabolic/Electrolyte Disorders | 35 | 34 | 13 - 48 | 22 | 27 | 8 - 49 |
| Pulmonary Disease | 109 | 37 | 19 - 40 | 112 | 31 | 19 - 39 |
| Renal Failure | 18 | 33 | 13 - 68 | 20 | 15 | 5 - 59 |
| Severe Acute Heart Disease | 93 | 28 | 27 - 47 | 82 | 30 | 28 - 50 |
| Severe Chronic Heart Disease | 121 | 21 | 15 - 31 | 131 | 29 | 15 - 32 |
| Severe Trauma | 1 | 0 | 0 - 99 | 5 | 0 | 5 - 65 |
| Gastrointestinal Disease | 192 | 3 | 1 - 7 | 173 | 2 | 1 - 7 |
| Gynecologic Disease | 39 | 0 | 0 -100 | 40 | 0 | 0 - 56 |
| Low-Risk Heart Disease | 399 | 3 | 2 - 6 | 420 | 4 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 378 | 2 | 1 - 5 | 407 | 1 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 146 | 1 | 1 - 7 | 126 | 2 | 0 - 11 |
| Urologic Disease | 142 | 0 | 0 - 6 | 148 | 1 | 0 - 9 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 409 |
| Occupancy Rate (%): | 80 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 945 |
| Percent of Physicians Who Are Board Certified Specialists: | 67 |
| Interns and Residents: | 0 |
| Registered Nurses: | 660 |
| Licensed Practical Nurses: | 47 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## ST JOSEPH MEDICAL CTR

501 SOUTH BUENA VISTA
BURBANK, CA 91505

Medicare Hospital Provider Number: 050235

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 4,788 | 13 | 11 - 14 | 4,450 | 13 | 11 - 15 |
| Cancer | 176 | 42 | 32 - 52 | 193 | 45 | 37 - 57 |
| Cerebrovascular Accidents | 190 | 27 | 20 - 35 | 190 | 16 | 21 - 35 |
| Gastrointestinal Catastrophes | 39 | 28 | 18 - 51 | 40 | 35 | 19 - 53 |
| Infectious Disease | 47 | 32 | 22 - 52 | 40 | 27 | 23 - 54 |
| Metabolic/Electrolyte Disorders | 70 | 26 | 14 - 41 | 88 | 33 | 21 - 47 |
| Pulmonary Disease | 249 | 28 | 19 - 34 | 269 | 29 | 19 - 35 |
| Renal Failure | 14 | 57 | 13 - 72 | 15 | 47 | 15 - 73 |
| Severe Acute Heart Disease | 189 | 27 | 29 - 45 | 157 | 29 | 30 - 47 |
| Severe Chronic Heart Disease | 275 | 25 | 18 - 30 | 183 | 23 | 18 - 33 |
| Severe Trauma | 10 | 30 | 12 - 67 | 12 | 58 | 7 - 63 |
| Gastrointestinal Disease | 261 | 5 | 2 - 9 | 261 | 3 | 1 - 7 |
| Gynecologic Disease | 56 | 0 | 0 -100 | 40 | 0 | 0 -100 |
| Low-Risk Heart Disease | 641 | 5 | 2 - 6 | 560 | 5 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 484 | 4 | 1 - 6 | 461 | 3 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 118 | 3 | 1 - 10 | 117 | 2 | 1 - 9 |
| Urologic Disease | 195 | 2 | 1 - 7 | 188 | 1 | 1 - 6 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 590 |
| Occupancy Rate (%): | 82 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 294 |
| Percent of Physicians Who Are Board Certified Specialists: | 73 |
| Interns and Residents: | 0 |
| Registered Nurses: | 615 |
| Licensed Practical Nurses: | 18 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ST JOSEPH'S MEDICAL CTR OF STOCKTON

1800 N CALIFORNIA ST
STOCKTON, CA 95204

Medicare Hospital Provider Number: 050084

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,915 | 14 | 11 - 15 | 3,834 | 14 | 11 - 15 |
| Cancer | 137 | 50 | 31 - 53 | 155 | 45 | 32 - 53 |
| Cerebrovascular Accidents | 209 | 28 | 20 - 35 | 171 | 30 | 20 - 36 |
| Gastrointestinal Catastrophes | 34 | 26 | 21 - 55 | 34 | 35 | 19 - 55 |
| Infectious Disease | 52 | 35 | 19 - 49 | 49 | 33 | 21 - 52 |
| Metabolic/Electrolyte Disorders | 49 | 35 | 19 - 50 | 71 | 35 | 18 - 46 |
| Pulmonary Disease | 192 | 28 | 21 - 37 | 189 | 29 | 18 - 35 |
| Renal Failure | 43 | 28 | 14 - 61 | 41 | 32 | 20 - 69 |
| Severe Acute Heart Disease | 150 | 31 | 29 - 47 | 132 | 33 | 30 - 49 |
| Severe Chronic Heart Disease | 201 | 28 | 16 - 30 | 197 | 16 | 17 - 30 |
| Severe Trauma | 14 | 50 | 9 - 61 | 12 | 58 | 6 - 62 |
| Gastrointestinal Disease | 195 | 5 | 1 - 9 | 182 | 4 | 1 - 9 |
| Gynecologic Disease | 33 | 0 | 0 -100 | 64 | 0 | 0 -100 |
| Low-Risk Heart Disease | 558 | 5 | 2 - 6 | 611 | 6 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 305 | 4 | 1 - 7 | 288 | 3 | 1 - 6 |
| Neuropsychiatric/Sensory Disease | 128 | 3 | 1 - 10 | 120 | 4 | 1 - 12 |
| Urologic Disease | 170 | 1 | 0 - 7 | 150 | 3 | 0 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 316 |
| Occupancy Rate (%): | 72 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 296 |
| Percent of Physicians Who Are Board Certified Specialists: | 58 |
| Interns and Residents: | 0 |
| Registered Nurses: | 321 |
| Licensed Practical Nurses: | 101 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

StJ MC
**St. Joseph's Medical Center**
of Stockton

**Lawrence A. Philipp**
*Chief Operating Officer*

October 6, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau HCFA
2-D-2 Meadows, East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: MEDICARE PROVIDER NUMBER 050084

Dear Mrs. Kappert:

In reviewing the information about our medical center included in the "Medicare Hospital Mortality Information" (1987), I wish to call to your attention two discrepancies:

1. The report indicates a bed count of 217 for our medical center. This indicates only our medical/surgical beds. We were licensed at the end of 1987 for 321 beds, and as of August, 1988 we are licensed for 325. Our 73% occupancy rate was based on our available beds, which was 311 (averaged), in that year.

2. You recorded as a specialty service of St. Joseph's Medical Center "Organ Transplant Service." We do not provide this service.

All other information is accurate and complete. Thank you for your attention to these corrections.

Sincerely,

Lawrence A. Philipp

Lawrence A. Philipp
Chief Operating Officer

LAP:bm

1800 North California Street, Stockton, California 95204 (209) 467-6313

# ST JOSEPH'S OAK PARK HOSP

2510 NORTH CALFORNIA ST
STOCKTON, CA 95204

Medicare Hospital Provider Number: 050201

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 137 | 13 | 12 - 24 | 150 | 18 | 12 - 25 |
| Cancer | 3 | 67 | 8 - 89 | 3 | 67 | 8 - 89 |
| Cerebrovascular Accidents | 5 | 0 | 7 - 64 | 9 | 22 | 12 - 65 |
| Gastrointestinal Catastrophes | 1 | 0 | 2 - 97 | 1 | 0 | 0 - 99 |
| Infectious Disease | 7 | 43 | 8 - 73 | 7 | 29 | 6 - 70 |
| Metabolic/Electrolyte Disorders | 8 | 13 | 5 - 60 | 8 | 63 | 8 - 70 |
| Pulmonary Disease | 20 | 25 | 18 - 56 | 26 | 23 | 18 - 52 |
| Renal Failure | 4 | 25 | 14 - 90 | 4 | 50 | 13 - 91 |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 6 | 17 | 2 - 69 | 7 | 29 | 2 - 71 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 5 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 2 | 50 | 0 -100 | 5 | 20 | 0 -100 |
| Musculoskeletal/Skin Conditions | 12 | 0 | 0 - 83 | 8 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 16 | 0 | 0 - 95 | 18 | 0 | 0 - 63 |
| Urologic Disease | 2 | 0 | 0 -100 | 3 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 43
Occupancy Rate (%): 56
Ownership/Control: Church

STAFFING

Total Number of Physicians: 109
Percent of Physicians Who Are Board Certified Specialists: 53
Interns and Residents: 0
Registered Nurses: 6
Licensed Practical Nurses: 5

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## ST JUDE HOSPITAL - YORBA LINDA

16850 EAST BASTANCHURY ROAD
YORBA LINDA, CA 92686

Medicare Hospital Provider Number: 050679

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 175 | 13 | 8 - 18 | 36 | 8 | 4 - 26 |
| Cancer | 5 | 60 | 10 - 81 | 0 | - | - |
| Cerebrovascular Accidents | 7 | 14 | 10 - 66 | 1 | 0 | 0 - 98 |
| Gastrointestinal Catastrophes | 2 | 0 | 5 - 89 | 0 | - | - |
| Infectious Disease | 2 | 50 | 1 - 94 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 7 | 14 | 5 - 64 | 0 | - | - |
| Pulmonary Disease | 14 | 29 | 9 - 56 | 2 | 0 | 5 - 89 |
| Renal Failure | 0 | - | - | 1 | 100 | 3 - 98 |
| Severe Acute Heart Disease | 3 | 67 | 6 - 87 | 2 | 0 | 5 - 89 |
| Severe Chronic Heart Disease | 8 | 25 | 5 - 65 | 1 | 0 | 2 - 97 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 6 | 0 | 0 -100 | 3 | 33 | 0 -100 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Low-Risk Heart Disease | 25 | 4 | 0 - 45 | 4 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 15 | 0 | 0 - 78 | 6 | 17 | 0 - 99 |
| Neuropsychiatric/Sensory Disease | 15 | 0 | 0 - 98 | 3 | 0 | 0 -100 |
| Urologic Disease | 7 | 0 | 0 -100 | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 292 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 62 |
| Licensed Practical Nurses: | 4 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**St. Jude Hospital Yorba Linda**
A Sisters of St. Joseph of Orange Corporation

16850 East Bastanchury Road
Yorba Linda, California 92686
(714) 993-3000

September 30, 1988

Mr. Bill Nichols
c/o HCFA - Health Standards and Quality Bureau
Meadows East Building 2 D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mr. Nichols,

This letter is written as follow-up to our telephone conversation of Wednesday, September 28, 1988 regarding the inaccurate ID information HCFA had for both St. Jude Hospital Yorba Linda and our sister hospital, St. Jude Hospital and Rehabilitation Center - Fullerton. Your ID information should be corrected as follows:

St. Jude Hospital and Rehabilitation Center
101 E. Valencia Mesa Drive
Fullerton, California 92635
Provider #050168

St. Jude Hospital Yorba Linda
16850 E. Bastanchury Rd.
Yorba Linda, California 92686
Provider #050679

I thank you in advance for your consideration in this matter, and anticipate your correction of this misinformation in a timely manner.

Sincerely,

Donna M. White, RN

Donna M. White, RN
Q.A./U.R./R.M.

cc. Bob Fraschetti, Vice President
St. Jude Hospital Yorba Linda

Paul Viviano, President
St. Jude Hospital and Rehabilitation Center - Fullerton

## ST LUKE HOSP OF PASADENA

2632 EAST WASHINGTON BLVD
PASADENA, CA 91109

Medicare Hospital Provider Number: 050029

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,212 | 14 | 11 - 17 | 1,229 | 16 | 12 - 17 |
| Cancer | 31 | 52 | 24 - 61 | 44 | 59 | 25 - 57 |
| Cerebrovascular Accidents | 54 | 26 | 18 - 42 | 51 | 31 | 16 - 43 |
| Gastrointestinal Catastrophes | 18 | 39 | 15 - 61 | 14 | 43 | 15 - 66 |
| Infectious Disease | 27 | 19 | 22 - 55 | 19 | 32 | 20 - 63 |
| Metabolic/Electrolyte Disorders | 24 | 25 | 9 - 48 | 14 | 21 | 5 - 53 |
| Pulmonary Disease | 76 | 22 | 17 - 39 | 80 | 26 | 16 - 38 |
| Renal Failure | 5 | 0 | 11 - 74 | 9 | 11 | 14 - 72 |
| Severe Acute Heart Disease | 56 | 36 | 30 - 57 | 59 | 54 | 33 - 60 |
| Severe Chronic Heart Disease | 66 | 32 | 14 - 38 | 74 | 24 | 14 - 35 |
| Severe Trauma | 2 | 0 | 4 - 89 | 2 | 50 | 2 - 92 |
| Gastrointestinal Disease | 63 | 5 | 1 - 17 | 66 | 3 | 1 - 14 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 130 | 3 | 1 - 9 | 136 | 3 | 2 - 9 |
| Musculoskeletal/Skin Conditions | 124 | 4 | 1 - 10 | 112 | 3 | 0 - 11 |
| Neuropsychiatric/Sensory Disease | 24 | 8 | 0 - 67 | 19 | 5 | 0 - 91 |
| Urologic Disease | 32 | 0 | 0 - 50 | 33 | 3 | 0 - 41 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 167 |
| Occupancy Rate (%): | 55 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 117 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 100 |
| Licensed Practical Nurses: | 22 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Summit Health Ltd.

**ST. LUKE MEDICAL CENTER**

2632 East Washington Blvd., Box 7021, Pasadena, California 91109-7021 • (818) 797-1141

October 10, 1988

Medicare Provider #05-0029

Dear Community:

The hospital mortality data for Medicare patients reported by HCFA has been carefully reviewed at St. Luke Medical Center by the hospital administrators, the President of the Medical Staff, the Physician Chairman of the Utilization Review Committee, and the Director of Quality Assurance.

The Medical Staff Staff of St. Luke Medical Center conducts an intensive review of the medical record of every patient who expires at this hospital regarding medical management and overall care. This mortality review is an on-going process of the Quality Assurance Program and peer review.

The actual mortality rate reported from all cases and each individual diagnosis at St. Luke Medical Center falls within the predicted range. In almost all categories, we were able to improve on our statistics from the preceding year.

The Medical Staff of St. Luke Medical Center, as has been their practice, will continue to review all mortality cases for both quality and appropriateness of care to the individual. We feel that our monitoring system provides us with all the information needed to continue to meet and exceed the high quality standards set by the Administration and the Medical Staff of St. Luke Medical Center.

Sincerely,

Michael E. Hanson

Michael E. Hanson
Executive Director

## ST LUKES HOSP

3555 ARMY ST
SAN FRANCISCO, CA 94110

Medicare Hospital Provider Number: 050055

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,303 | 14 | 11 - 16 | 1,349 | 12 | 11 - 16 |
| Cancer | 48 | 54 | 27 - 58 | 44 | 48 | 29 - 60 |
| Cerebrovascular Accidents | 54 | 20 | 16 - 39 | 76 | 21 | 18 - 38 |
| Gastrointestinal Catastrophes | 16 | 31 | 17 - 63 | 9 | 22 | 11 - 66 |
| Infectious Disease | 22 | 14 | 14 - 48 | 20 | 30 | 18 - 60 |
| Metabolic/Electrolyte Disorders | 33 | 36 | 11 - 47 | 37 | 22 | 10 - 42 |
| Pulmonary Disease | 82 | 30 | 16 - 38 | 75 | 15 | 14 - 34 |
| Renal Failure | 4 | 100 | 19 - 87 | 7 | 43 | 18 - 87 |
| Severe Acute Heart Disease | 55 | 40 | 26 - 53 | 57 | 44 | 28 - 55 |
| Severe Chronic Heart Disease | 74 | 22 | 16 - 36 | 88 | 18 | 17 - 35 |
| Severe Trauma | 2 | 0 | 2 - 89 | 2 | 50 | 0 - 95 |
| Gastrointestinal Disease | 90 | 4 | 1 - 13 | 71 | 8 | 0 - 29 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 116 | 2 | 1 - 8 | 115 | 6 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 126 | 3 | 1 - 10 | 127 | 4 | 1 - 10 |
| Neuropsychiatric/Sensory Disease | 28 | 0 | 0 - 42 | 55 | 4 | 0 - 29 |
| Urologic Disease | 57 | 0 | 0 - 13 | 45 | 4 | 0 - 58 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 209 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

3555 ARMY STREET, SAN FRANCISCO, CA 94110 • 415-647-8600

ST. LUKE'S
HOSPITAL

Hosp. ID# 05-0055

Our hospital is a 260 bed general acute care facility. The community we serve is a highly mixed ethnic population. Many of our patients have not had the advantage of preventive medicine prior to being treated at our hospital.

Thirty-seven percent of our hospital's admissions are through the emergency room, indicating patients in a fragile, critical condition. Approximately 40 percent of our admissions are Medicare patients which means we serve a large elderly population, at risk for many chronic illnesses and multiple health problems. The most active hospital service is General Medical Surgical. Other active hospital services are Maternity, Psychiatric, and Skilled Nursing.

Our hospital was within the predicted mortality percentage range in all diagnostic categories reported in the 1987 Medicare data release except for Renal Failure. The death of these four chronic, terminally ill patients, who had an average age of 83 years, resulted in a mortality rate exceeding the predicted range.

Hospitals are required by their licensure organizations, the Joint Commission on Accreditation of Healthcare Organizations (JCAHO), the Health care Financing Administration (HCFA), the State Medical Association and the state licensing agency to assure quality of care. This is accomplished by a structure of various hospital and Medical Staff Committees whose responsibility is to develop methods of evaluating the delivery of medical services.

A number of Committees have been established by our hospital to ensure that this evaluation is accomplished. Some of these committees are Quality Assurance, Utilization Review, Tissue Committee for surgical case review and blood usage analysis, Pharmacy and Therapeutics Committee, and Infection Control. These activities are a self check and monitoring system to ensure that our hospital and Medical Staff members have a method for identification and resolution of problems.

Each month the members of each department review and evaluate the cases of patients who have had complications or die. The results of the review are reported to the Medical Staff Executive Committee and members of the Board of Directors. This mechanism is used to ensure that our Medical Staff and hospital monitor all health care delivery parameters to assure the best possible health care.

In conclusion, all the deaths reported in the 1987 HCFA release of mortality statistics for our hospital have already undergone Medical Staff monitoring and evaluation.

# ST MARY DESERT VALLEY HOSPITAL

18300 HIGHWAY 18
APPLE VALLEY, CA 92307

Medicare Hospital Provider Number: 050300

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,435 | 12 | 8 - 13 | 1,464 | 12 | 9 - 14 |
| Cancer | 40 | 42 | 24 - 56 | 33 | 42 | 27 - 62 |
| Cerebrovascular Accidents | 50 | 24 | 15 - 40 | 50 | 32 | 16 - 42 |
| Gastrointestinal Catastrophes | 22 | 32 | 15 - 56 | 11 | 18 | 15 - 63 |
| Infectious Disease | 16 | 31 | 13 - 58 | 17 | 35 | 14 - 60 |
| Metabolic/Electrolyte Disorders | 42 | 31 | 9 - 42 | 58 | 29 | 12 - 41 |
| Pulmonary Disease | 83 | 30 | 14 - 36 | 89 | 26 | 11 - 32 |
| Renal Failure | 7 | 57 | 14 - 83 | 12 | 50 | 14 - 76 |
| Severe Acute Heart Disease | 55 | 38 | 26 - 53 | 55 | 42 | 25 - 52 |
| Severe Chronic Heart Disease | 49 | 22 | 10 - 35 | 48 | 35 | 11 - 39 |
| Severe Trauma | 4 | 25 | 3 - 80 | 1 | 0 | 1 - 97 |
| Gastrointestinal Disease | 72 | 0 | 1 - 8 | 73 | 0 | 1 - 8 |
| Gynecologic Disease | 29 | 0 | 0 -100 | 19 | 0 | 0 -100 |
| Low-Risk Heart Disease | 190 | 2 | 1 - 6 | 215 | 4 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 176 | 1 | 0 - 6 | 163 | 0 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 27 | 0 | 0 - 28 | 10 | 20 | 0 - 98 |
| Urologic Disease | 74 | 1 | 0 - 21 | 84 | 0 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 97 |
| Occupancy Rate (%): | 87 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 107 |
| Percent of Physicians Who Are Board Certified Specialists: | 72 |
| Interns and Residents: | 0 |
| Registered Nurses: | 198 |
| Licensed Practical Nurses: | 12 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ST MARY MEDICAL CTR

1050 LINDEN AVE
LONG BEACH, CA 90801

Medicare Hospital Provider Number: 050191

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,342 | 14 | 11 - 15 | 2,034 | 12 | 11 - 15 |
| Cancer | 96 | 35 | 32 - 55 | 83 | 33 | 28 - 52 |
| Cerebrovascular Accidents | 112 | 21 | 19 - 36 | 94 | 27 | 19 - 39 |
| Gastrointestinal Catastrophes | 28 | 32 | 16 - 54 | 21 | 33 | 13 - 56 |
| Infectious Disease | 43 | 44 | 19 - 52 | 45 | 40 | 20 - 52 |
| Metabolic/Electrolyte Disorders | 30 | 20 | 14 - 47 | 27 | 19 | 10 - 44 |
| Pulmonary Disease | 143 | 41 | 17 - 36 | 117 | 32 | 17 - 37 |
| Renal Failure | 10 | 30 | 9 - 71 | 7 | 29 | 9 - 77 |
| Severe Acute Heart Disease | 82 | 48 | 25 - 49 | 60 | 42 | 29 - 55 |
| Severe Chronic Heart Disease | 104 | 22 | 15 - 32 | 106 | 25 | 18 - 36 |
| Severe Trauma | 5 | 0 | 10 - 68 | 7 | 71 | 7 - 71 |
| Gastrointestinal Disease | 117 | 3 | 1 - 10 | 112 | 4 | 1 - 11 |
| Gynecologic Disease | 27 | 0 | 0 -100 | 21 | 0 | 0 -100 |
| Low-Risk Heart Disease | 305 | 4 | 2 - 7 | 238 | 5 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 188 | 1 | 1 - 6 | 187 | 4 | 1 - 9 |
| Neuropsychiatric/Sensory Disease | 86 | 3 | 1 - 14 | 93 | 0 | 1 - 7 |
| Urologic Disease | 103 | 3 | 0 - 23 | 86 | 1 | 0 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 465 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 338 |
| Percent of Physicians Who Are Board Certified Specialists: | 76 |
| Interns and Residents: | 31 |
| Registered Nurses: | 483 |
| Licensed Practical Nurses: | 63 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

**St. Mary Medical Center**
1050 Linden Avenue, Post Office Box 887, Long Beach, CA 90801, (213) 491-9000

October 20, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Department of Health and Human Services
6325 Security Boulevard
Baltimore, MD 21207

Dear Dr. Roper:

Thank you for the opportunity to respond to the Medicare mortality statistics for calendar years 1986 and 1987. We have reviewed the data and find that the discharge information is generally accurate. However, the hospital characteristics contained in the preliminary drafts which were shared with us are inaccurate. St. Mary Medical Center is a 556-bed facility which does provide hospice care and which has a coronary care unit. There are 318 physicians on our active and associate medical staff. Of these 318, 75% are board certified.

While we applaud the increased sophistication of this year's HCFA data analysis, there remain significant problems in identifying and accounting for a variety of factors which influence patient outcome. Some which are specific for St. Mary Medical Center include:

1. As a teaching hospital associated with the UCLA School of Medicine, St. Mary Medical Center provides care to patients who are more ill on admission and who have more complex medical problems.

2. As a level I trauma center, our emergency department receives those patients who have suffered the most extreme and life threatening emergencies.

3. Because of our large, busy emergency department (the only paramedic base station in Long Beach), a high fraction of our admissions are admitted with urgent and emergent problems. These patients are sicker and have more advanced disease than the average.

4. St. Mary Medical Center has one of the largest hospice programs in Southern California. Although the program is designed to allow patients to die in the nurturing environment of a home, many terminally ill patients are admitted to our hospital. Their mortality is a reflection of the breadth and quality of services offered at St. Mary Medical Center.

For 1986 and 1987, 33 of the 34 diagnostic categories had actual mortality rates within the predicted ranges. One category - pulmonary diseases in 1987 - had a mortality rate greater than predicted. We have undertaken a detailed review of these cases and find several characteristics that would be missed in the HCFA analysis. Of the patients who subsequently died:

- 58% were admitted from a nursing home or transferred from another hospital.
- 41% required intubation (i.e. mechanical means for breathing)
- 61% were felt to be in the terminal stages of their disease at the time of admission.
- 53% were admitted from our emergency department as emergency cases.

These data indicate that our pulmonary patients were severely ill. In addition, all patient deaths are routinely reviewed as a part of our quality assurance program; no problems have been identified in the mortality review for pulmonary patients.

Although the HCFA analysis attempts to account for some of the variables which might explain varying hospital mortality rates, it does not address them all. As you can tell from my comments, St. Mary Medical Center is a complex, sophisticated institution which provides care to many types of patients. I hope that this information can be helpful to those who attempt to interpret the mortality data.

Sincerely,

David Tillman, M.D.

David B. Tillman, M.D.
Associate Administrator

DBT:mek

## ST MARY'S HOSP MED CTR

450 STANYAN ST
SAN FRANCISCO, CA 94117

Medicare Hospital Provider Number: 050457

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,505 | 10 | 11 - 15 | 2,403 | 10 | 10 - 14 |
| Cancer | 111 | 34 | 31 - 54 | 87 | 36 | 33 - 57 |
| Cerebrovascular Accidents | 97 | 16 | 19 - 36 | 92 | 20 | 20 - 38 |
| Gastrointestinal Catastrophes | 33 | 42 | 22 - 59 | 35 | 23 | 22 - 55 |
| Infectious Disease | 46 | 33 | 23 - 53 | 32 | 28 | 24 - 59 |
| Metabolic/Electrolyte Disorders | 39 | 8 | 15 - 41 | 29 | 10 | 8 - 38 |
| Pulmonary Disease | 133 | 26 | 18 - 37 | 110 | 28 | 20 - 40 |
| Renal Failure | 10 | 50 | 13 - 77 | 7 | 14 | 10 - 74 |
| Severe Acute Heart Disease | 84 | 30 | 32 - 54 | 76 | 39 | 27 - 51 |
| Severe Chronic Heart Disease | 123 | 21 | 17 - 33 | 129 | 15 | 16 - 31 |
| Severe Trauma | 6 | 0 | 8 - 61 | 2 | 50 | 2 - 92 |
| Gastrointestinal Disease | 111 | 5 | 1 - 11 | 121 | 2 | 1 - 8 |
| Gynecologic Disease | 9 | 0 | 0 -100 | 15 | 0 | 0 -100 |
| Low-Risk Heart Disease | 316 | 4 | 2 - 7 | 326 | 6 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 344 | 1 | 1 - 5 | 358 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 105 | 3 | 0 - 12 | 113 | 1 | 0 - 9 |
| Urologic Disease | 83 | 4 | 0 - 17 | 62 | 2 | 0 - 19 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 403 |
| Occupancy Rate (%): | 61 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 303 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 70 |
| Registered Nurses: | 316 |
| Licensed Practical Nurses: | 37 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## ST ROSE HOSP

27200 CALAROGA AVE
HAYWARD, CA 94545

Medicare Hospital Provider Number: 050002

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,156 | 16 | 11 - 17 | 1,070 | 18 | 11 - 17 |
| Cancer | 32 | 50 | 24 - 60 | 28 | 46 | 25 - 62 |
| Cerebrovascular Accidents | 60 | 38 | 16 - 41 | 64 | 30 | 15 - 39 |
| Gastrointestinal Catastrophes | 15 | 33 | 17 - 65 | 9 | 56 | 9 - 69 |
| Infectious Disease | 15 | 67 | 20 - 67 | 20 | 60 | 17 - 61 |
| Metabolic/Electrolyte Disorders | 21 | 14 | 8 - 45 | 29 | 14 | 8 - 40 |
| Pulmonary Disease | 115 | 34 | 19 - 39 | 80 | 31 | 19 - 41 |
| Renal Failure | 5 | 40 | 10 - 84 | 2 | 0 | 4 - 89 |
| Severe Acute Heart Disease | 47 | 43 | 25 - 54 | 61 | 56 | 29 - 55 |
| Severe Chronic Heart Disease | 66 | 29 | 13 - 36 | 57 | 30 | 15 - 40 |
| Severe Trauma | 2 | 0 | 4 - 89 | 3 | 67 | 0 - 91 |
| Gastrointestinal Disease | 89 | 1 | 1 - 9 | 75 | 4 | 1 - 15 |
| Gynecologic Disease | 9 | 11 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 114 | 5 | 1 - 12 | 120 | 2 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 101 | 3 | 1 - 11 | 82 | 5 | 0 - 20 |
| Neuropsychiatric/Sensory Disease | 19 | 0 | 0 - 45 | 30 | 3 | 0 - 87 |
| Urologic Disease | 46 | 0 | 0 - 15 | 28 | 4 | 0 - 79 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 163 |
| Occupancy Rate (%): | 69 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 92 |
| Percent of Physicians Who Are Board Certified Specialists: | 77 |
| Interns and Residents: | 0 |
| Registered Nurses: | 171 |
| Licensed Practical Nurses: | 35 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

ST. ROSE HOSPITAL FIRST IN FAMILY CARE
27200 CALAROGA AVENUE • HAYWARD, CALIFORNIA 94545 • 415-782-6200

October 19, 1988

Mrs. Sandra Kappert
Health Care Financing Administration
Health Standards and Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

Thank you for the opportunity to respond to the release of data on Medicare hospital mortality rates for calendar year 1987. Since receiving the report, St. Rose Hospital staff has had an opportunity to review the data.

The Medical Records Manager has validated that, with minor exceptions, the mortality data is accurate. The data relating to Hospital characteristics, as reported, needs to be changed as follows:

| | |
|---|---|
| Beds (#) | 175 |
| Specialty Services: | |
| Shock/Trauma or Burn Unit: | No |
| Coronary Care Unit: | Yes |
| Organ Transplant Service: | No |

The Quality Assurance Committee of the Hospital Medical Staff has reviewed the cases reflected in this report.

The following information for St. Rose Hospital should be attached to the Hospital Specific Report for the 1987 period prior to public disclosure:

> St. Rose Hospital is a 175-bed facility providing 129 beds of acute and 46 beds of skilled nursing care. Our case mix includes many patients with major medical and surgical illnesses. We are a full service Hospital caring for a disproportionately poor and aged population.
>
> The Medical Staff at St. Rose Hospital conducts an intensive review of the medical record of every patient who expires at this facility regarding medical management and overall care. Mortality review is an ongoing process of the Quality Assurance program and peer review activities are an integral part of the monitoring of the care provided at this Hospital. The Joint Commission on Accreditation of Healthcare Organizations bestowed on St. Rose its highest commendations for the Hospital Quality Assurance program and the excellent peer review process that is performed.

Mrs. Sandra Kappert
Page Two
October 19, 1988

We were pleased to note the Hospital specific mortality data reported by HCFA indicates that St. Rose, in total, is within the range of predicted mortality for the population of patients we treat. Of the (16) diagnostic categories reviewed, St. Rose was below predicted mortality in (1) and within range on the remaining (15) for the 1987 calendar year.

As previously stated, review by this facility is always by individual case regarding quality of care and is conducted in an ongoing fashion, not just when statistics such as the mortality data are released.

Thank you for the opportunity to present this response.

Sincerely,

Roger Moore
Roger W. Moore
President/Chief Executive Officer

Robt D Rowley
Robert D. Rowley, M.D.
Medical Staff President

/as

cc: Ursula Muller, Manager, Medical Records/Utilization Review

## ST VINCENT MEDICAL CENTER

2131 W 3RD ST
LOS ANGELES, CA 90057

Medicare Hospital Provider Number: 050502

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,614 | 9 | 9 - 13 | 2,836 | 10 | 9 - 13 |
| Cancer | 118 | 41 | 30 - 52 | 120 | 47 | 29 - 52 |
| Cerebrovascular Accidents | 68 | 12 | 20 - 38 | 71 | 28 | 20 - 42 |
| Gastrointestinal Catastrophes | 25 | 28 | 20 - 58 | 23 | 26 | 19 - 58 |
| Infectious Disease | 24 | 38 | 19 - 59 | 31 | 26 | 21 - 55 |
| Metabolic/Electrolyte Disorders | 51 | 20 | 12 - 41 | 34 | 21 | 13 - 46 |
| Pulmonary Disease | 149 | 30 | 21 - 39 | 117 | 25 | 22 - 41 |
| Renal Failure | 76 | 9 | 1 - 57 | 69 | 13 | 2 - 54 |
| Severe Acute Heart Disease | 54 | 35 | 24 - 51 | 59 | 42 | 28 - 55 |
| Severe Chronic Heart Disease | 87 | 10 | 16 - 31 | 100 | 28 | 16 - 35 |
| Severe Trauma | 1 | 0 | 3 - 98 | 4 | 25 | 3 - 80 |
| Gastrointestinal Disease | 140 | 2 | 1 - 8 | 124 | 2 | 1 - 8 |
| Gynecologic Disease | 14 | 0 | 0 - 89 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 428 | 2 | 2 - 6 | 596 | 4 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 226 | 3 | 1 - 7 | 246 | 1 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 212 | 1 | 0 - 7 | 202 | 0 | 1 - 5 |
| Urologic Disease | 81 | 0 | 0 - 8 | 83 | 4 | 0 - 23 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 313 |
| Occupancy Rate (%): | 67 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 255 |
| Percent of Physicians Who Are Board Certified Specialists: | 73 |
| Interns and Residents: | 0 |
| Registered Nurses: | 294 |
| Licensed Practical Nurses: | 32 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## STANFORD UNIVERSITY HOSPITAL

300 PASTEUR DR
STANFORD, CA 94305

Medicare Hospital Provider Number: 050441

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,958 | 10 | 10 - 14 | 3,814 | 11 | 10 - 14 |
| Cancer | 224 | 37 | 31 - 50 | 216 | 33 | 28 - 47 |
| Cerebrovascular Accidents | 133 | 26 | 19 - 35 | 121 | 28 | 19 - 37 |
| Gastrointestinal Catastrophes | 36 | 17 | 22 - 53 | 32 | 34 | 16 - 52 |
| Infectious Disease | 42 | 48 | 22 - 55 | 44 | 41 | 22 - 55 |
| Metabolic/Electrolyte Disorders | 36 | 17 | 13 - 43 | 59 | 20 | 17 - 44 |
| Pulmonary Disease | 128 | 27 | 20 - 39 | 106 | 27 | 15 - 35 |
| Renal Failure | 29 | 24 | 15 - 64 | 21 | 43 | 9 - 65 |
| Severe Acute Heart Disease | 125 | 33 | 29 - 48 | 123 | 42 | 29 - 49 |
| Severe Chronic Heart Disease | 136 | 24 | 16 - 32 | 148 | 21 | 16 - 31 |
| Severe Trauma | 14 | 29 | 9 - 59 | 8 | 38 | 7 - 70 |
| Gastrointestinal Disease | 171 | 4 | 1 - 9 | 135 | 4 | 1 - 10 |
| Gynecologic Disease | 42 | 2 | 0 -100 | 55 | 2 | 0 -100 |
| Low-Risk Heart Disease | 384 | 5 | 2 - 7 | 347 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 470 | 1 | 1 - 4 | 465 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 265 | 2 | 1 - 6 | 278 | 4 | 1 - 7 |
| Urologic Disease | 159 | 2 | 0 - 11 | 126 | 2 | 0 - 11 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 547
Occupancy Rate (%): 78
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 847
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: 431
Registered Nurses: 805
Licensed Practical Nurses: 8

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: Yes
Hospice Care: No

STANFORD UNIVERSITY HOSPITAL
STANFORD UNIVERSITY MEDICAL CENTER STANFORD, CALIFORNIA 94305 • (415) 723-5222

*Sheldon S. King*
President
Stanford University Hospital

Medicare Provider
# 050441

October 27, 1988

Health Standards & Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland, 21207

Dear Mrs. Kappert:

We are pleased to offer Stanford University Hospital's official response to the release of HCFA data on hospital mortality rates for 1986 and 1987, a copy of which is attached.

We find no notable inaccuracies in the information provided to us. We are gratified to note that the hospital's mortality rates in all categories were within the range of predicted mortality rates. Stanford's figures show a slight improvement in 1987, an improvement in 8 of 16 categories with another 4 stable. Thus, we seem to be improving our ranking relative to all United States short-term care hospitals overall and in most categories.

These relatively low mortality rates are particularly significant given Stanford's patient mix. Stanford University Hospital is a tertiary care facility providing health care services to a patient population based primarily in San Mateo and Santa Clara Counties. It is also a major academic and research center with specialized services that attract patients with complex, life-threatening diseases who are generally at greater risk for increased morbidity and mortality than most hospital patients.

That greater risk is documented in several ways. According to the rating system for Medicare DRGs provided by HCFA, Stanford's severity of patient illness continues to rank among the highest in the nation. In addition, our patient acuity level ranks higher than other hospitals in the Santa Clara Conference when complexity is measured by the number of secondary diagnoses and the number of additional procedures per patient.

We consider the relatively low mortality rates at Stanford to be a reflection of the high quality of care provided by an outstanding medical staff, nursing and other ancillary staff. Our quality assurance process is another key factor. Stanford was the first to develop the prototype for an integrated review program. The Care Review program consists of 4 components: Risk Management, Quality Assurance, Infection Control, and Utilization Review, with nurses cross trained to carry out all four functions concurrently. The staff monitors the appropriateness of services and is on the alert for the development of complications, particularly those that are life-threatening.

We are pleased to note the changes in the diagnostic categories and the changes in the names of the four categories. We agree that these changes more accurately reflect their composition, and this is a welcomed improvement.

Stanford is committed to providing high quality care. We are constantly exploring new and improved treatment modalities and how to prevent avoidable complications. Thank you for the opportunity to review and comment on the HCFA mortality information.

Sincerely,

Sheldon S. King

Sheldon S. King
President

Attachment: Stanford University Hospital HCFA Mortality Data

SSK:blt:090

## SURPRISE VALLEY COMMUNITY HOSP

MAIN & WASHINGTON ST
CEDARVILLE,, CA 96104

Medicare Hospital Provider Number: 050676

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 23 | 9 | 4 - 33 | 25 | 16 | 9 - 39 |
| Cancer | 0 | - | - | 1 | 0 | 2 -100 |
| Cerebrovascular Accidents | 0 | - | - | 3 | 33 | 8 - 88 |
| Gastrointestinal Catastrophes | 0 | - | - | 1 | 100 | 3 - 98 |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 3 | 0 | 0 - 91 | 1 | 0 | 0 -100 |
| Pulmonary Disease | 2 | 0 | 0 - 93 | 1 | 0 | 0 - 99 |
| Renal Failure | 0 | - | - | 1 | 0 | 2 - 97 |
| Severe Acute Heart Disease | 1 | 100 | 2 -100 | 0 | - | - |
| Severe Chronic Heart Disease | 2 | 0 | 1 - 90 | 1 | 0 | 2 - 97 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 4 | 0 | 0 - 96 | 5 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 1 | 0 | 0 -100 | 5 | 20 | 0 - 99 |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 0 | - | - |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1987

| | |
|---|---|
| Total Beds (#): | 4 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 7 |
| Licensed Practical Nurses: | 2 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## SUTTER DAVIS HOSP

ROADS 99 AND 31
DAVIS, CA 95616

Medicare Hospital Provider Number: 050537

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 492 | 15 | 9 - 17 | 492 | 14 | 10 - 17 |
| Cancer | 8 | 25 | 11 - 68 | 14 | 36 | 14 - 63 |
| Cerebrovascular Accidents | 16 | 31 | 11 - 56 | 29 | 41 | 15 - 51 |
| Gastrointestinal Catastrophes | 6 | 33 | 7 - 74 | 2 | 0 | 3 - 88 |
| Infectious Disease | 13 | 54 | 14 - 65 | 11 | 27 | 11 - 64 |
| Metabolic/Electrolyte Disorders | 15 | 0 | 7 - 37 | 19 | 26 | 7 - 51 |
| Pulmonary Disease | 57 | 26 | 14 - 39 | 49 | 24 | 16 - 42 |
| Renal Failure | 4 | 50 | 3 - 84 | 0 | - | - |
| Severe Acute Heart Disease | 15 | 60 | 20 - 67 | 10 | 40 | 14 - 69 |
| Severe Chronic Heart Disease | 21 | 33 | 8 - 49 | 22 | 23 | 10 - 47 |
| Severe Trauma | 2 | 50 | 1 - 93 | 0 | - | - |
| Gastrointestinal Disease | 30 | 10 | 0 - 39 | 33 | 9 | 0 - 61 |
| Gynecologic Disease | 5 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 50 | 6 | 1 - 22 | 58 | 2 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 57 | 2 | 0 - 15 | 59 | 5 | 0 - 30 |
| Neuropsychiatric/Sensory Disease | 14 | 7 | 0 - 86 | 4 | 0 | 0 -100 |
| Urologic Disease | 18 | 6 | 0 - 95 | 18 | 0 | 0 - 94 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 48 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 44 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | Yes |

## SUTTER GEN HOSPITAL

2801 L STREET
SACRAMENTO, CA 95816

Medicare Hospital Provider Number: 050108

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3,250 | 11 | 10 - 13 | 2,911 | 10 | 10 - 14 |
| Cancer | 83 | 46 | 27 - 52 | 100 | 35 | 28 - 51 |
| Cerebrovascular Accidents | 216 | 19 | 19 - 32 | 177 | 22 | 21 - 35 |
| Gastrointestinal Catastrophes | 36 | 33 | 19 - 53 | 30 | 37 | 19 - 57 |
| Infectious Disease | 47 | 23 | 19 - 47 | 38 | 50 | 22 - 57 |
| Metabolic/Electrolyte Disorders | 47 | 19 | 8 - 38 | 51 | 18 | 12 - 39 |
| Pulmonary Disease | 157 | 31 | 19 - 37 | 127 | 28 | 17 - 36 |
| Renal Failure | 11 | 36 | 18 - 79 | 10 | 50 | 11 - 76 |
| Severe Acute Heart Disease | 91 | 41 | 33 - 56 | 91 | 32 | 31 - 52 |
| Severe Chronic Heart Disease | 142 | 32 | 17 - 34 | 122 | 19 | 16 - 31 |
| Severe Trauma | 7 | 0 | 13 - 60 | 7 | 14 | 6 - 66 |
| Gastrointestinal Disease | 155 | 2 | 1 - 7 | 115 | 2 | 1 - 8 |
| Gynecologic Disease | 9 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 191 | 2 | 2 - 7 | 200 | 2 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 548 | 1 | 1 - 4 | 445 | 2 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 129 | 2 | 1 - 8 | 97 | 3 | 0 - 13 |
| Urologic Disease | 197 | 1 | 0 - 6 | 144 | 0 | 0 - 6 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 777 |
| Occupancy Rate (%): | 85 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 867 |
| Percent of Physicians Who Are Board Certified Specialists: | 69 |
| Interns and Residents: | 0 |
| Registered Nurses: | 795 |
| Licensed Practical Nurses: | 147 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

*Sutter General*
*Hospital*

A Sutter Health
Affiliate

2820 L Street
Sacramento
California 95816

Telephone
(916) 454-2222

October 11, 1988

Mr. Paul Elstein
Health Standards and Quality Bureau
Health Care Financing Administration
2-D-2 Meadows East Boulevard
6325 Security Boulevard
Baltimore, MD 21207

RE: Request for Address Change - Mortality Statistics Transmission

Dear Mr. Elstein:

Would you please change the address for Sutter General Hospital to reflect the following correct address:

Hospital ID: 05-01-08
Correct Hospital Name: Sutter General Hospital
Address: 2801 L Street
Sacramento, CA 95816

Please delete any reference to "Artificial Kidney Center" for the Sutter General Hospital transmitted information. We are having recurring problems in ensuring the mortality statistical information reaches the appropriate individuals promptly due to the incorrect address.

Can you also ensure that the above address correction is forwarded to any other divisions within HCFA?

Thank you for your assistance in this matter. Should you have questions, please contact me at (916) 733-3009.

Sincerely yours,

John Riley
Vice President and Administrator

br

VHA.
Member of
Voluntary Hospitals
of America, Inc.

## SUTTER MEM HOSP

52ND F STS
SACRAMENTO, CA 95819

Medicare Hospital Provider Number: 050109

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,346 | 10 | 11 - 15 | 2,401 | 10 | 10 - 14 |
| Cancer | 153 | 41 | 31 - 52 | 138 | 43 | 31 - 52 |
| Cerebrovascular Accidents | 45 | 33 | 15 - 44 | 37 | 30 | 18 - 48 |
| Gastrointestinal Catastrophes | 16 | 19 | 15 - 57 | 10 | 60 | 15 - 71 |
| Infectious Disease | 16 | 44 | 17 - 64 | 19 | 26 | 20 - 61 |
| Metabolic/Electrolyte Disorders | 16 | 19 | 11 - 54 | 20 | 10 | 14 - 48 |
| Pulmonary Disease | 68 | 28 | 15 - 39 | 48 | 19 | 16 - 41 |
| Renal Failure | 21 | 24 | 5 - 59 | 15 | 27 | 5 - 64 |
| Severe Acute Heart Disease | 107 | 23 | 25 - 44 | 100 | 20 | 31 - 49 |
| Severe Chronic Heart Disease | 120 | 22 | 16 - 33 | 117 | 21 | 15 - 32 |
| Severe Trauma | 2 | 50 | 2 - 92 | 3 | 33 | 3 - 86 |
| Gastrointestinal Disease | 78 | 3 | 1 - 12 | 76 | 3 | 0 - 14 |
| Gynecologic Disease | 51 | 0 | 0 - 99 | 55 | 0 | 0 - 99 |
| Low-Risk Heart Disease | 605 | 3 | 3 - 6 | 661 | 4 | 3 - 7 |
| Musculoskeletal/Skin Conditions | 35 | 6 | 2 - 23 | 45 | 7 | 0 - 45 |
| Neuropsychiatric/Sensory Disease | 162 | 0 | 1 - 6 | 157 | 1 | 0 - 7 |
| Urologic Disease | 29 | 3 | 0 - 65 | 43 | 2 | 0 - 70 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1986

| | |
|---|---|
| Total Beds (#): | 398 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 605 |
| Licensed Practical Nurses: | 124 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | Yes |

## SUTTER SOLANO MEDICAL CENTER

300 HOSPITAL DR
VALLEJO, CA 94590

Medicare Hospital Provider Number: 050101

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,011 | 17 | 11 - 17 | 989 | 18 | 11 - 17 |
| Cancer | 25 | 48 | 18 - 58 | 27 | 52 | 20 - 58 |
| Cerebrovascular Accidents | 63 | 29 | 17 - 41 | 72 | 24 | 17 - 39 |
| Gastrointestinal Catastrophes | 8 | 38 | 11 - 72 | 11 | 36 | 11 - 65 |
| Infectious Disease | 25 | 36 | 17 - 56 | 22 | 50 | 18 - 60 |
| Metabolic/Electrolyte Disorders | 16 | 31 | 10 - 57 | 17 | 29 | 5 - 52 |
| Pulmonary Disease | 72 | 36 | 18 - 42 | 60 | 33 | 14 - 40 |
| Renal Failure | 13 | 62 | 13 - 72 | 11 | 45 | 13 - 76 |
| Severe Acute Heart Disease | 47 | 47 | 24 - 54 | 46 | 57 | 27 - 57 |
| Severe Chronic Heart Disease | 68 | 22 | 13 - 34 | 50 | 26 | 14 - 39 |
| Severe Trauma | 0 | - | - | 2 | 0 | 1 - 92 |
| Gastrointestinal Disease | 50 | 6 | 0 - 34 | 44 | 5 | 0 - 50 |
| Gynecologic Disease | 12 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 91 | 2 | 1 - 10 | 116 | 4 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 72 | 1 | 0 - 13 | 76 | 1 | 0 - 11 |
| Neuropsychiatric/Sensory Disease | 22 | 9 | 0 - 92 | 14 | 7 | 0 -100 |
| Urologic Disease | 42 | 0 | 0 - 17 | 27 | 7 | 0 - 63 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 97 |
| Occupancy Rate (%): | 52 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 75 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 59 |
| Licensed Practical Nurses: | 18 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## TAHOE FOREST HOSPITAL DISTRICT

TAHOE DR/PINE ST
TRUCKEE, CA 95734

Medicare Hospital Provider Number: 050494

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 272 | 2 | 5 - 10 | 264 | 6 | 6 - 13 |
| Cancer | 0 | - | - | 5 | 80 | 9 - 76 |
| Cerebrovascular Accidents | 4 | 0 | 3 - 71 | 4 | 0 | 4 - 70 |
| Gastrointestinal Catastrophes | 0 | - | - | 4 | 25 | 3 - 80 |
| Infectious Disease | 0 | - | - | 1 | 0 | 0 - 98 |
| Metabolic/Electrolyte Disorders | 5 | 0 | 2 - 67 | 4 | 50 | 15 - 91 |
| Pulmonary Disease | 13 | 8 | 5 - 44 | 21 | 10 | 9 - 40 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 13 | 23 | 17 - 63 | 7 | 29 | 10 - 71 |
| Severe Chronic Heart Disease | 8 | 0 | 7 - 48 | 9 | 11 | 3 - 56 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 11 | 0 | 0 - 99 | 13 | 0 | 0 - 91 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 58 | 0 | 1 - 9 | 50 | 0 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 39 | 0 | 0 - 18 | 35 | 3 | 0 - 32 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 9 | 0 | 0 -100 | 18 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 70 |
| Occupancy Rate (%): | 59 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 33 |
| Percent of Physicians Who Are Board Certified Specialists: | 82 |
| Interns and Residents: | 0 |
| Registered Nurses: | 73 |
| Licensed Practical Nurses: | 3 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## TEHACHAPI DISTRICT HOSPITAL

115 EAST 'E' ST
TEHACHAPI, CA 93561

Medicare Hospital Provider Number: 050446

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 113 | 11 | 4 - 17 | 125 | 10 | 6 - 18 |
| Cancer | 5 | 80 | 6 - 74 | 3 | 100 | 10 - 83 |
| Cerebrovascular Accidents | 2 | 0 | 0 - 94 | 4 | 25 | 2 - 81 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 1 | 0 | 1 - 97 | 1 | 100 | 0 - 97 |
| Metabolic/Electrolyte Disorders | 2 | 0 | 2 - 89 | 4 | 25 | 2 - 81 |
| Pulmonary Disease | 9 | 22 | 4 - 61 | 11 | 9 | 6 - 50 |
| Renal Failure | 0 | - | - | 1 | 100 | 2 -100 |
| Severe Acute Heart Disease | 3 | 100 | 7 - 80 | 5 | 0 | 19 - 74 |
| Severe Chronic Heart Disease | 5 | 40 | 3 - 77 | 10 | 30 | 2 - 63 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 11 | 0 | 0 - 96 | 15 | 7 | 0 - 97 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 14 | 0 | 0 - 96 | 23 | 0 | 1 - 25 |
| Musculoskeletal/Skin Conditions | 12 | 8 | 0 -100 | 5 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Urologic Disease | 8 | 0 | 0 -100 | 7 | 0 | 0 - 89 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 28 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

# TEMPLE COMMUNITY HOSPITAL

235 N HOOVER ST
LOS ANGELES, CA 90004

Medicare Hospital Provider Number: 050111

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 607 | 11 | 10 - 16 | 622 | 11 | 10 - 16 |
| Cancer | 9 | 33 | 15 - 72 | 14 | 21 | 23 - 67 |
| Cerebrovascular Accidents | 12 | 25 | 15 - 63 | 14 | 0 | 19 - 45 |
| Gastrointestinal Catastrophes | 6 | 50 | 8 - 76 | 6 | 50 | 8 - 77 |
| Infectious Disease | 9 | 22 | 20 - 74 | 11 | 18 | 20 - 68 |
| Metabolic/Electrolyte Disorders | 6 | 0 | 8 - 60 | 13 | 31 | 11 - 61 |
| Pulmonary Disease | 47 | 32 | 16 - 44 | 42 | 29 | 16 - 45 |
| Renal Failure | 3 | 0 | 6 - 82 | 6 | 33 | 5 - 78 |
| Severe Acute Heart Disease | 9 | 67 | 21 - 77 | 11 | 64 | 26 - 78 |
| Severe Chronic Heart Disease | 41 | 20 | 13 - 39 | 31 | 16 | 15 - 43 |
| Severe Trauma | 3 | 0 | 4 - 79 | 0 | - | - |
| Gastrointestinal Disease | 53 | 2 | 1 - 14 | 44 | 7 | 0 - 32 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 1 | 100 | 0 -100 |
| Low-Risk Heart Disease | 107 | 3 | 1 - 10 | 107 | 4 | 1 - 11 |
| Musculoskeletal/Skin Conditions | 36 | 0 | 2 - 14 | 51 | 2 | 0 - 20 |
| Neuropsychiatric/Sensory Disease | 16 | 0 | 0 - 97 | 19 | 0 | 0 - 96 |
| Urologic Disease | 35 | 3 | 0 - 61 | 27 | 0 | 0 - 29 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 142 |
| Occupancy Rate (%): | 44 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 83 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 57 |
| Licensed Practical Nurses: | 18 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## TERRACE PLAZA MEDICAL CENTER

14148 EAST FRANCISQUITO AVE
BALDWIN PARK, CA 91706

Medicare Hospital Provider Number: 050637

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 399 | 19 | 12 - 21 | 366 | 18 | 11 - 19 |
| Cancer | 8 | 63 | 17 - 77 | 1 | 100 | 1 - 97 |
| Cerebrovascular Accidents | 19 | 11 | 13 - 44 | 13 | 38 | 8 - 59 |
| Gastrointestinal Catastrophes | 3 | 67 | 7 - 88 | 4 | 75 | 5 - 80 |
| Infectious Disease | 14 | 29 | 17 - 65 | 2 | 100 | 11 - 98 |
| Metabolic/Electrolyte Disorders | 7 | 29 | 5 - 69 | 10 | 20 | 4 - 59 |
| Pulmonary Disease | 41 | 29 | 14 - 43 | 41 | 39 | 17 - 48 |
| Renal Failure | 7 | 57 | 13 - 82 | 2 | 50 | 5 - 94 |
| Severe Acute Heart Disease | 31 | 74 | 29 - 60 | 23 | 78 | 28 - 63 |
| Severe Chronic Heart Disease | 27 | 19 | 11 - 42 | 29 | 21 | 11 - 42 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 27 | 4 | 0 - 82 | 18 | 11 | 0 - 98 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Low-Risk Heart Disease | 62 | 3 | 0 - 17 | 64 | 0 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 23 | 0 | 0 - 70 | 26 | 0 | 0 - 69 |
| Neuropsychiatric/Sensory Disease | 6 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Urologic Disease | 16 | 0 | 0 - 55 | 13 | 8 | 0 - 76 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#): 71
Ownership/Control: Private, For Profit

STAFFING

Interns and Residents: 0
Registered Nurses: 45
Licensed Practical Nurses: 15

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

## TORRANCE MEMORIAL MED CTR

3330 LOMITA BLVD
TORRANCE, CA 90509

Medicare Hospital Provider Number: 050351

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,154 | 13 | 11 - 15 | 2,147 | 14 | 10 - 15 |
| Cancer | 88 | 41 | 30 - 55 | 92 | 47 | 30 - 54 |
| Cerebrovascular Accidents | 81 | 28 | 21 - 42 | 50 | 28 | 16 - 42 |
| Gastrointestinal Catastrophes | 15 | 27 | 15 - 61 | 27 | 37 | 17 - 56 |
| Infectious Disease | 47 | 32 | 20 - 51 | 48 | 46 | 23 - 55 |
| Metabolic/Electrolyte Disorders | 30 | 33 | 15 - 52 | 36 | 42 | 11 - 47 |
| Pulmonary Disease | 112 | 29 | 20 - 40 | 105 | 43 | 19 - 41 |
| Renal Failure | 7 | 29 | 15 - 82 | 10 | 40 | 9 - 73 |
| Severe Acute Heart Disease | 85 | 38 | 28 - 50 | 80 | 44 | 26 - 49 |
| Severe Chronic Heart Disease | 97 | 29 | 14 - 33 | 93 | 29 | 19 - 39 |
| Severe Trauma | 3 | 0 | 3 - 79 | 3 | 67 | 4 - 86 |
| Gastrointestinal Disease | 131 | 4 | 2 - 10 | 144 | 1 | 1 - 7 |
| Gynecologic Disease | 19 | 0 | 0 -100 | 23 | 0 | 0 -100 |
| Low-Risk Heart Disease | 292 | 4 | 2 - 7 | 330 | 4 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 202 | 3 | 1 - 8 | 194 | 4 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 74 | 0 | 2 - 8 | 61 | 0 | 0 - 13 |
| Urologic Disease | 83 | 0 | 0 - 10 | 69 | 3 | 0 - 41 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 298 |
| Occupancy Rate (%): | 59 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 541 |
| Percent of Physicians Who Are Board Certified Specialists: | 67 |
| Interns and Residents: | 0 |
| Registered Nurses: | 379 |
| Licensed Practical Nurses: | 51 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Torrance Memorial Hospital
Medical Center
Affiliated with Health Access Systems

October 20, 1988

MEDICARE PROVIDER #050351

Dear Reader,

We are pleased to take this opportunity to contribute additional information about Torrance Memorial Hospital Medical Center which will help with the interpretation of the 1987 HCFA mortality statistics release.

Torrance Memorial Hospital Medical Center is a 330-bed acute care facility. We are a full-service medical center offering care in the specialty areas of cancer, cardiology, open heart surgery, newborn intensive care, rehabilitation services, and burn treatment, as well as general medicine and surgery. The specialty services offered attract a mix of patients with extremely acute conditions which has been validated through comparison of our case mix index with both regional and national hospitals.

We agree with HCFA that the mortality information by itself is not a complete measure of the quality of care at an individual hospital. While we believe that information on hospital mortality rates is useful, until HCFA has developed additional statistical measures to deal with complex issues such as severity of illness, we cannot and do not recommend the use of the information by itself to make judgments about the quality of care in an individual hospital or to make comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the ranges predicted by HCFA's model.

Torrance Memorial Hospital Medical Center's medical staff has made a conscientious effort to review and monitor the care and treatment delivered in all of the hospital departments; it has appointed a Quality Assurance Committee to oversee this very important function. One integral aspect of the Committee's role is the intensive review, by physicians, of the medical record of every patient who has expired at this facility, to assure the medical management was appropriate. The Joint Commission on Accreditation of Health Care Organizations has surveyed our facility, examined our quality assurance initiative, and granted us accreditation indicating we have high quality standards.

If you would like additional information about Torrance Memorial Hospital Medical Center or assistance with interpreting HCFA's findings, please feel free to contact Norma Brambilla, Director of Quality Support Systems, at the Medical Center. We have a commitment to delivering comprehensive, compassionate and quality care, and we would be happy to discuss our programs, our goals, and our quality monitoring activities in greater detail.

Sincerely,

Geo. W. Graham
George Graham
President

Michael P Falvey
Michael P. Falvey, M.D.
Chief of Staff

2483R
3330 Lomita Blvd.
Torrance, CA 90509
Phone (213) 325-9110

## TRACY COMMUNITY MEMORIAL HOSP

1420 N TRACY BLVD
TRACY, CA 95376

Medicare Hospital Provider Number: 050313

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 644 | 12 | 9 - 15 | 655 | 12 | 10 - 16 |
| Cancer | 20 | 65 | 25 - 67 | 15 | 53 | 22 - 70 |
| Cerebrovascular Accidents | 19 | 26 | 8 - 49 | 32 | 25 | 16 - 47 |
| Gastrointestinal Catastrophes | 3 | 33 | 2 - 86 | 3 | 0 | 3 - 79 |
| Infectious Disease | 15 | 20 | 11 - 54 | 12 | 50 | 17 - 70 |
| Metabolic/Electrolyte Disorders | 9 | 11 | 8 - 58 | 9 | 33 | 8 - 67 |
| Pulmonary Disease | 41 | 29 | 11 - 41 | 33 | 12 | 14 - 40 |
| Renal Failure | 2 | 0 | 2 - 89 | 4 | 75 | 12 - 88 |
| Severe Acute Heart Disease | 35 | 43 | 26 - 59 | 24 | 38 | 20 - 58 |
| Severe Chronic Heart Disease | 32 | 22 | 12 - 42 | 36 | 25 | 12 - 41 |
| Severe Trauma | 0 | - | - | 2 | 50 | 4 - 93 |
| Gastrointestinal Disease | 40 | 2 | 0 - 21 | 35 | 11 | 0 - 71 |
| Gynecologic Disease | 11 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 113 | 0 | 2 - 6 | 90 | 2 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 55 | 2 | 0 - 21 | 71 | 1 | 1 - 10 |
| Neuropsychiatric/Sensory Disease | 6 | 17 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 21 | 10 | 0 -100 | 17 | 0 | 0 - 68 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 59
Occupancy Rate (%): 61
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 53
Percent of Physicians Who Are Board Certified Specialists: 64
Interns and Residents: 0
Registered Nurses: 63
Licensed Practical Nurses: 16

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

# TRINITY GENERAL HOSP
NORTH TAYLOR ST
WEAVERVILLE, CA 96093

Medicare Hospital Provider Number: 050392

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 105 | 10 | 7 - 19 | 85 | 9 | 5 - 19 |
| Cancer | 2 | 0 | 5 - 89 | 4 | 50 | 5 - 82 |
| Cerebrovascular Accidents | 3 | 0 | 4 - 79 | 1 | 0 | 0 - 97 |
| Gastrointestinal Catastrophes | 0 | - | - | 2 | 0 | 1 - 90 |
| Infectious Disease | 0 | - | - | 1 | 100 | 2 - 97 |
| Metabolic/Electrolyte Disorders | 1 | 0 | 0 -100 | 4 | 0 | 2 - 74 |
| Pulmonary Disease | 11 | 18 | 8 - 56 | 6 | 17 | 3 - 69 |
| Renal Failure | 3 | 67 | 10 - 92 | 0 | - | - |
| Severe Acute Heart Disease | 3 | 0 | 4 - 79 | 1 | 0 | 1 - 97 |
| Severe Chronic Heart Disease | 6 | 0 | 4 - 57 | 2 | 0 | 1 - 91 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 8 | 13 | 0 -100 | 6 | 0 | 0 - 99 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 15 | 13 | 0 -100 | 16 | 0 | 0 - 55 |
| Musculoskeletal/Skin Conditions | 10 | 0 | 0 -100 | 7 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Urologic Disease | 3 | 0 | 0 -100 | 6 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 71 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

Trinity
Hospital

P.O. Box 1229
Weaverville, California 96093
(916) 623-5541

Medicare Provider #: 050392

October 20, 1988

Health Care Financing Administration
Health Standards & Quality Bureau
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Health Care Consumer:

The following information for Trinity Hospital is to be attached to the Hospital specific report for the period of January 1, 1987 through December 31, 1987 prior to public disclosure.

Trinity Hospital is an acute care facility dedicated to rural healthcare who serves patients in the area of skilled nursing, medicine and surgery.

Our hospital Medical Staff monitors every death in our facility on an ongoing basis. We believe that our monitoring system provides us with a continuous feedback mechanism in an effort to continue to meet and exceed quality care standards.

Since receiving this data, the professional staff of Trinity Hospital has had an opportunity to review the data. Our overall percentage of deaths is in the lower half of the range perdicted mortality rates. In reviewing the mortality rates by diagnostic category, it is noted that with the small amount of discharges in each category at Trinity Hospital even one fatality can create a very high percentage of deaths in one specific category.

Our Medical Staff will continue to review all mortality cases for quality and appropriateness of care rendered to the individual patient as part of our quality assurance and peer review process.

Thank you for the opportunity to present this response.

Sincerely,

TRINITY HOSPITAL

Patricia Menning

Patricia Menning
Administrator

## TULARE DISTRICT HOSPITAL

869 CHERRY AVE
TULARE, CA 93274

Medicare Hospital Provider Number: 050359

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 841 | 12 | 9 - 14 | 829 | 14 | 9 - 15 |
| Cancer | 12 | 67 | 13 - 64 | 20 | 65 | 20 - 62 |
| Cerebrovascular Accidents | 36 | 31 | 13 - 44 | 24 | 13 | 15 - 44 |
| Gastrointestinal Catastrophes | 8 | 38 | 8 - 70 | 7 | 43 | 7 - 72 |
| Infectious Disease | 12 | 50 | 21 - 74 | 14 | 21 | 18 - 63 |
| Metabolic/Electrolyte Disorders | 18 | 33 | 11 - 56 | 11 | 55 | 12 - 67 |
| Pulmonary Disease | 47 | 11 | 16 - 37 | 53 | 26 | 17 - 43 |
| Renal Failure | 3 | 33 | 3 - 87 | 3 | 100 | 18 - 94 |
| Severe Acute Heart Disease | 38 | 37 | 21 - 53 | 41 | 54 | 24 - 55 |
| Severe Chronic Heart Disease | 48 | 27 | 12 - 38 | 39 | 28 | 15 - 44 |
| Severe Trauma | 1 | 0 | 0 - 98 | 1 | 100 | 0 - 98 |
| Gastrointestinal Disease | 60 | 2 | 0 - 16 | 50 | 4 | 0 - 21 |
| Gynecologic Disease | 9 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 94 | 4 | 1 - 12 | 118 | 0 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 49 | 4 | 0 - 54 | 54 | 4 | 0 - 42 |
| Neuropsychiatric/Sensory Disease | 88 | 1 | 0 - 35 | 77 | 3 | 0 - 17 |
| Urologic Disease | 52 | 0 | 0 - 17 | 26 | 0 | 0 - 64 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 112 |
| Occupancy Rate (%): | 57 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 36 |
| Percent of Physicians Who Are Board Certified Specialists: | 72 |
| Interns and Residents: | 0 |
| Registered Nurses: | 74 |
| Licensed Practical Nurses: | 22 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Tulare District Hospital

[illegible] • TULARE, CA 93274 • (209) 688-0821

JERRY W. BOYTER
Administrator

Medicare Provider #050359

October 12, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21027

Dear Mrs. Kappert:

Thank you for this opportunity to respond to HCFA's current release of data on hospital mortality rates.

In conjunction with the Medical Records Department, our Chief of Medicine Services has reviewed every death in the major diagnostic category, Cancer, in which the death rate was 3% higher than our predicted mortality rate.

Based on this comprehensive review of HCFA's data and the specific medical records which it reflects, we think you and any member of the public who requests a copy of our statistical information will be interested in the following findings:

. All 12 patients were admitted to the hospital in the advanced stages of cancer with 67% having metastases to other sites.

. 33% of the patients were first diagnosed with cancer during their last hospitalization, 25% were diagnosed with cancer just 1-4 months prior to their last hospitalization and 42% were diagnosed in the 1-2 years prior to their last hospitalization.

. All 12 patients also had multiple medical problems, including congestive heart failure, respiratory distress, chronic obstructive pulmonary disease, cerebral vascular accidents, pneumonia, malnutrition and dehydration.

Many of the hospital's patients are at high risk when they enter the hospital and have multiple contributing medical problems. Large numbers of patients initially seen in the Emergency Department or admitted to the hospital from nursing homes may result in statistically higher death rates. Many of the patients admitted to our facility have had prior oncological consultation with the impression that their disease is a terminal condition.

Because of the small number of patients with just a few types of cancer a single death can have a profound effect to artificially inflate the statistics.

As a rural facility, we see a high percentage of patients who have delayed health care for many months, sometimes years. When they are admitted to the hospital they have numerous medical problems and many times are in the late stages of their disease.

On an on-going basis, our Medical Staff Service Committees has always reviewed every death in our facility to insure that appropriate care is being offered to each of our patients.

Tulare District Hospital will continue to review HCFA's data very closely as it is released each quarter.

Thank you for this opportunity to present this response. If you or anyone receiving this material, have additional questions, please do hesitate to call me at 209/688-0821.

Sincerely,

Jerry Boyter
Administrator

JWB/dp

# TUOLUMNE GENERAL HOSP

101 E HOSP RD
SONORA, CA 95370

Medicare Hospital Provider Number: 050325

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 473 | 12 | 9 - 15 | 377 | 12 | 9 - 16 |
| Cancer | 15 | 40 | 17 - 64 | 10 | 50 | 12 - 69 |
| Cerebrovascular Accidents | 16 | 31 | 10 - 55 | 7 | 57 | 12 - 75 |
| Gastrointestinal Catastrophes | 3 | 33 | 6 - 87 | 4 | 0 | 9 - 73 |
| Infectious Disease | 9 | 11 | 9 - 58 | 7 | 14 | 8 - 66 |
| Metabolic/Electrolyte Disorders | 5 | 40 | 3 - 78 | 5 | 0 | 1 - 70 |
| Pulmonary Disease | 34 | 9 | 13 - 36 | 18 | 17 | 12 - 49 |
| Renal Failure | 4 | 50 | 4 - 84 | 3 | 33 | 5 - 88 |
| Severe Acute Heart Disease | 22 | 27 | 19 - 56 | 25 | 40 | 19 - 57 |
| Severe Chronic Heart Disease | 19 | 37 | 7 - 51 | 17 | 18 | 5 - 46 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 31 | 0 | 0 - 25 | 19 | 5 | 1 - 41 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 48 | 2 | 1 - 16 | 38 | 5 | 1 - 26 |
| Musculoskeletal/Skin Conditions | 63 | 0 | 0 - 11 | 51 | 2 | 0 - 26 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 - 97 | 7 | 14 | 0 -100 |
| Urologic Disease | 21 | 10 | 0 - 82 | 26 | 4 | 0 - 95 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 64 |
| Occupancy Rate (%): | 78 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 43 |
| Percent of Physicians Who Are Board Certified Specialists: | 70 |
| Interns and Residents: | 0 |
| Registered Nurses: | 32 |
| Licensed Practical Nurses: | 15 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# TUSTIN COMMUNITY HOSPITAL

14662 NEWPORT AVE
TUSTIN, CA 92680

Medicare Hospital Provider Number: 050560

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 682 | 12 | 8 - 14 | 589 | 13 | 10 - 16 |
| Cancer | 15 | 20 | 20 - 62 | 17 | 41 | 21 - 67 |
| Cerebrovascular Accidents | 35 | 31 | 15 - 47 | 30 | 23 | 15 - 46 |
| Gastrointestinal Catastrophes | 3 | 33 | 0 - 92 | 2 | 0 | 3 - 88 |
| Infectious Disease | 7 | 43 | 6 - 72 | 1 | 100 | 2 - 98 |
| Metabolic/Electrolyte Disorders | 10 | 10 | 8 - 55 | 9 | 11 | 7 - 58 |
| Pulmonary Disease | 30 | 33 | 11 - 46 | 40 | 25 | 13 - 42 |
| Renal Failure | 5 | 60 | 7 - 82 | 0 | - | - |
| Severe Acute Heart Disease | 18 | 61 | 23 - 66 | 24 | 58 | 21 - 59 |
| Severe Chronic Heart Disease | 34 | 24 | 14 - 43 | 32 | 38 | 11 - 45 |
| Severe Trauma | 2 | 50 | 1 - 92 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 65 | 5 | 1 - 18 | 46 | 7 | 0 - 26 |
| Gynecologic Disease | 4 | 25 | 0 -100 | 12 | 0 | 0 -100 |
| Low-Risk Heart Disease | 67 | 3 | 1 - 14 | 72 | 6 | 1 - 16 |
| Musculoskeletal/Skin Conditions | 73 | 0 | 1 - 8 | 47 | 2 | 0 - 37 |
| Neuropsychiatric/Sensory Disease | 21 | 0 | 0 - 82 | 15 | 7 | 0 - 63 |
| Urologic Disease | 52 | 0 | 0 - 29 | 33 | 0 | 0 - 37 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 150 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## TWIN CITIES COMMUNITY HOSPITAL

1500 LAS TABLAS ROAD
TEMPLETON, CA 93465

Medicare Hospital Provider Number: 050633

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 853 | 13 | 10 - 16 | 892 | 12 | 10 - 15 |
| Cancer | 21 | 57 | 20 - 62 | 24 | 46 | 25 - 65 |
| Cerebrovascular Accidents | 46 | 28 | 16 - 43 | 38 | 29 | 16 - 46 |
| Gastrointestinal Catastrophes | 6 | 0 | 10 - 61 | 15 | 33 | 21 - 69 |
| Infectious Disease | 8 | 50 | 8 - 71 | 16 | 19 | 11 - 54 |
| Metabolic/Electrolyte Disorders | 25 | 24 | 13 - 50 | 25 | 24 | 9 - 47 |
| Pulmonary Disease | 54 | 19 | 11 - 35 | 54 | 22 | 16 - 40 |
| Renal Failure | 1 | 100 | 3 - 99 | 1 | 100 | 0 -100 |
| Severe Acute Heart Disease | 49 | 33 | 24 - 52 | 37 | 46 | 22 - 55 |
| Severe Chronic Heart Disease | 46 | 39 | 13 - 42 | 34 | 24 | 11 - 41 |
| Severe Trauma | 1 | 100 | 0 -100 | 1 | 0 | 0 - 99 |
| Gastrointestinal Disease | 50 | 4 | 1 - 20 | 60 | 2 | 1 - 13 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 19 | 0 | 0 -100 |
| Low-Risk Heart Disease | 113 | 1 | 2 - 7 | 101 | 0 | 2 - 6 |
| Musculoskeletal/Skin Conditions | 74 | 1 | 0 - 13 | 70 | 1 | 0 - 14 |
| Neuropsychiatric/Sensory Disease | 16 | 6 | 0 - 94 | 21 | 5 | 1 - 32 |
| Urologic Disease | 44 | 0 | 0 - 19 | 64 | 0 | 0 - 14 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 84 |
| Occupancy Rate (%): | 50 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 62 |
| Percent of Physicians Who Are Board Certified Specialists: | 73 |
| Interns and Residents: | 0 |
| Registered Nurses: | 81 |
| Licensed Practical Nurses: | 6 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

# U C L A HOSP CTR FOR HEALTH SCIENCES

10833 LE CONTE AVE
LOS ANGELES, CA 90024

Medicare Hospital Provider Number: 050262

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,947 | 7 | 9 - 13 | 3,055 | 7 | 9 - 13 |
| Cancer | 165 | 22 | 33 - 52 | 151 | 21 | 31 - 51 |
| Cerebrovascular Accidents | 44 | 32 | 18 - 47 | 44 | 25 | 18 - 45 |
| Gastrointestinal Catastrophes | 28 | 18 | 19 - 53 | 17 | 24 | 12 - 55 |
| Infectious Disease | 12 | 17 | 14 - 60 | 22 | 55 | 22 - 64 |
| Metabolic/Electrolyte Disorders | 27 | 41 | 16 - 55 | 35 | 14 | 14 - 44 |
| Pulmonary Disease | 77 | 19 | 18 - 38 | 68 | 22 | 18 - 41 |
| Renal Failure | 49 | 0 | 1 - 58 | 52 | 10 | 1 - 62 |
| Severe Acute Heart Disease | 78 | 35 | 30 - 54 | 63 | 35 | 29 - 54 |
| Severe Chronic Heart Disease | 94 | 13 | 18 - 33 | 104 | 19 | 17 - 34 |
| Severe Trauma | 7 | 43 | 5 - 72 | 9 | 44 | 7 - 68 |
| Gastrointestinal Disease | 95 | 3 | 1 - 11 | 85 | 1 | 1 - 9 |
| Gynecologic Disease | 55 | 0 | 0 - 99 | 67 | 0 | 0 - 79 |
| Low-Risk Heart Disease | 255 | 5 | 2 - 8 | 247 | 4 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 286 | 2 | 1 - 5 | 289 | 1 | 1 - 5 |
| Neuropsychiatric/Sensory Disease | 181 | 1 | 1 - 7 | 187 | 2 | 1 - 7 |
| Urologic Disease | 162 | 1 | 0 - 7 | 184 | 1 | 0 - 6 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 633 |
| Occupancy Rate (%): | 65 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 1,913 |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | 441 |
| Registered Nurses: | 875 |
| Licensed Practical Nurses: | 109 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

UCLA Medical Center

Office of the Director
10833 LeConte Avenue
Los Angeles, CA 90024-1730

October 23, 1988

William L. Roper, M.D.
Administrator
Health Care Financing Administration
Health Standards and Quality Bureau
Hospital Mortality Information
P. O. Box 26684
Baltimore, Maryland 21207

Dear Dr. Roper:

Thank you for the opportunity to respond to the 1987 mortality data for UCLA Medical Center (Medicare Provider number 05-0262).

The mortality rates for all 16 specific disease categories fell well within or below the range of predicted mortalities. Furthermore, the overall mortality rate for UCLA Medical Center was below the lower expected bound established by the HCFA model for both 1986 and 1987. We are gratified that this confirms the high quality of patient care provided at our institution. However, we continue to have concerns about several aspects of the HCFA models.

Of particular concern is the absence of an adequate adjustment for differences in severity of illness between patients in the same disease category. As a university teaching hospital and major referral center, with a Trauma unit, Emergency Care, Coronary Care, and Organ Transplant Service, we believe that our patients represent the most severely ill spectrum of many disease categories.

In terms of the usefulness of this information for consumer education there are several questions a prudent consumer might ask HCFA about their mortality report:

- o How accurate are HCFA's models for estimating predicted mortality? (According to HCFA, the models explain only about 36% of the variation in death rates among hospitals.)

- Why are some predicted ranges so wide? (When the number of cases seen by a hospital is very small, the predicted range will be very large, sometimes 0-100%. How is a predicted range of 0-100% helpful in educating the public?)
- Do the HCFA models account for whether the patient had emergency or elective surgery? (HCFA does not, in fact, attempt to identify emergency admissions whose death occurs within 24 hours.)

Until the HCFA data can explain more of the variability between hospital mortality rates, the information will be difficult to interpret and meaningless for the purpose of encouraging educated consumer choices.

Sincerely,

Ray Schultze

Raymond G. Schultze, M.D.
Director

RGS/kb
6273*

# UKIAH ADVENTIST HOSPITAL

275 HOSPITAL DRIVE
UKIAH, CA 95482

Medicare Hospital Provider Number: 050301

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 674 | 10 | 9 - 15 | 654 | 12 | 10 - 16 |
| Cancer | 17 | 35 | 19 - 64 | 21 | 57 | 23 - 65 |
| Cerebrovascular Accidents | 32 | 13 | 18 - 44 | 20 | 15 | 15 - 49 |
| Gastrointestinal Catastrophes | 10 | 40 | 9 - 66 | 7 | 14 | 9 - 67 |
| Infectious Disease | 9 | 0 | 13 - 52 | 7 | 29 | 13 - 75 |
| Metabolic/Electrolyte Disorders | 18 | 22 | 4 - 49 | 13 | 15 | 4 - 52 |
| Pulmonary Disease | 52 | 21 | 16 - 41 | 42 | 33 | 15 - 45 |
| Renal Failure | 1 | 0 | 1 - 97 | 1 | 100 | 3 - 98 |
| Severe Acute Heart Disease | 16 | 25 | 16 - 58 | 20 | 30 | 21 - 61 |
| Severe Chronic Heart Disease | 39 | 21 | 12 - 39 | 36 | 25 | 11 - 40 |
| Severe Trauma | 2 | 0 | 1 - 90 | 3 | 33 | 2 - 87 |
| Gastrointestinal Disease | 34 | 0 | 0 - 20 | 36 | 6 | 0 - 31 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 71 | 10 | 1 - 21 | 68 | 3 | 0 - 15 |
| Musculoskeletal/Skin Conditions | 70 | 1 | 0 - 14 | 65 | 5 | 0 - 25 |
| Neuropsychiatric/Sensory Disease | 10 | 0 | 0 - 99 | 15 | 0 | 0 - 50 |
| Urologic Disease | 47 | 0 | 0 - 19 | 36 | 3 | 0 - 35 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 43 |
| Occupancy Rate (%): | 65 |
| Ownership/Control: | Church |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 56 |
| Percent of Physicians Who Are Board Certified Specialists: | 82 |
| Interns and Residents: | 0 |
| Registered Nurses: | 55 |
| Licensed Practical Nurses: | 19 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## UKIAH GENERAL HOSP

1120 S DORA ST
UKIAH, CA 95482

Medicare Hospital Provider Number: 050473

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 411 | 14 | 11 - 19 | 510 | 15 | 11 - 19 |
| Cancer | 14 | 43 | 20 - 70 | 33 | 48 | 26 - 61 |
| Cerebrovascular Accidents | 14 | 36 | 11 - 59 | 34 | 29 | 13 - 45 |
| Gastrointestinal Catastrophes | 6 | 50 | 7 - 76 | 4 | 50 | 3 - 82 |
| Infectious Disease | 8 | 38 | 13 - 73 | 10 | 40 | 11 - 68 |
| Metabolic/Electrolyte Disorders | 12 | 17 | 9 - 56 | 6 | 0 | 12 - 63 |
| Pulmonary Disease | 29 | 21 | 14 - 45 | 25 | 40 | 14 - 53 |
| Renal Failure | 4 | 75 | 12 - 88 | 4 | 100 | 21 - 90 |
| Severe Acute Heart Disease | 20 | 45 | 19 - 61 | 17 | 47 | 19 - 64 |
| Severe Chronic Heart Disease | 23 | 17 | 13 - 46 | 27 | 22 | 9 - 42 |
| Severe Trauma | 0 | - | - | 2 | 0 | 2 - 89 |
| Gastrointestinal Disease | 24 | 8 | 1 - 35 | 23 | 0 | 0 - 41 |
| Gynecologic Disease | 9 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 31 | 10 | 0 - 41 | 33 | 0 | 0 - 19 |
| Musculoskeletal/Skin Conditions | 40 | 2 | 0 - 48 | 53 | 2 | 0 - 18 |
| Neuropsychiatric/Sensory Disease | 5 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Urologic Disease | 17 | 0 | 0 - 54 | 18 | 6 | 0 - 92 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 45 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## UNIV OF CA DAVIS - MED CTR

2315 STOCKTON BLVD
SACRAMENTO, CA 95817

Medicare Hospital Provider Number: 050599

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,705 | 13 | 9 - 14 | 1,728 | 13 | 9 - 14 |
| Cancer | 95 | 39 | 31 - 54 | 104 | 40 | 30 - 53 |
| Cerebrovascular Accidents | 51 | 49 | 13 - 41 | 38 | 34 | 12 - 43 |
| Gastrointestinal Catastrophes | 22 | 18 | 16 - 53 | 21 | 33 | 14 - 56 |
| Infectious Disease | 32 | 34 | 14 - 50 | 25 | 64 | 15 - 54 |
| Metabolic/Electrolyte Disorders | 29 | 21 | 10 - 45 | 22 | 18 | 10 - 47 |
| Pulmonary Disease | 56 | 27 | 11 - 36 | 65 | 26 | 16 - 40 |
| Renal Failure | 12 | 17 | 4 - 63 | 12 | 8 | 3 - 62 |
| Severe Acute Heart Disease | 36 | 33 | 23 - 54 | 46 | 59 | 23 - 53 |
| Severe Chronic Heart Disease | 55 | 18 | 13 - 35 | 50 | 18 | 12 - 35 |
| Severe Trauma | 27 | 52 | 10 - 52 | 20 | 40 | 7 - 54 |
| Gastrointestinal Disease | 54 | 4 | 0 - 21 | 56 | 9 | 0 - 31 |
| Gynecologic Disease | 14 | 0 | 0 -100 | 14 | 0 | 0 -100 |
| Low-Risk Heart Disease | 94 | 0 | 2 - 6 | 115 | 7 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 200 | 4 | 0 - 10 | 182 | 3 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 107 | 1 | 1 - 8 | 149 | 1 | 1 - 6 |
| Urologic Disease | 61 | 0 | 0 - 10 | 76 | 1 | 0 - 16 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 440 |
| Occupancy Rate (%): | 87 |
| Ownership/Control: | State Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 273 |
| Percent of Physicians Who Are Board Certified Specialists: | 100 |
| Interns and Residents: | 375 |
| Registered Nurses: | 931 |
| Licensed Practical Nurses: | 95 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

## UNIV OF CALIF-IRVINE MED CTR

101 CITY DRIVE S
ORANGE, CA 92668

Medicare Hospital Provider Number: 050348

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 966 | 9 | 7 - 12 | 787 | 10 | 8 - 13 |
| Cancer | 40 | 22 | 28 - 57 | 52 | 40 | 28 - 57 |
| Cerebrovascular Accidents | 24 | 17 | 10 - 42 | 24 | 38 | 11 - 50 |
| Gastrointestinal Catastrophes | 9 | 22 | 9 - 65 | 7 | 57 | 7 - 72 |
| Infectious Disease | 6 | 17 | 8 - 70 | 2 | 50 | 1 - 92 |
| Metabolic/Electrolyte Disorders | 12 | 42 | 10 - 63 | 7 | 14 | 2 - 68 |
| Pulmonary Disease | 42 | 21 | 10 - 37 | 27 | 19 | 7 - 40 |
| Renal Failure | 10 | 10 | 3 - 64 | 8 | 0 | 0 - 87 |
| Severe Acute Heart Disease | 19 | 37 | 18 - 60 | 16 | 19 | 20 - 60 |
| Severe Chronic Heart Disease | 25 | 24 | 8 - 43 | 15 | 7 | 6 - 40 |
| Severe Trauma | 10 | 10 | 9 - 57 | 14 | 43 | 6 - 60 |
| Gastrointestinal Disease | 27 | 4 | 0 - 33 | 32 | 9 | 0 - 81 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 70 | 7 | 0 - 21 | 73 | 1 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 87 | 5 | 0 - 26 | 79 | 4 | 0 - 23 |
| Neuropsychiatric/Sensory Disease | 178 | 1 | 0 - 12 | 40 | 5 | 0 - 49 |
| Urologic Disease | 21 | 5 | 0 -100 | 22 | 0 | 0 - 77 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 387
Occupancy Rate (%): 81
Ownership/Control: Private, Non-profit

STAFFING

Total Number of Physicians: 1,036
Percent of Physicians Who Are Board Certified Specialists: 81
Interns and Residents: 0
Registered Nurses: 460
Licensed Practical Nurses: 57

SPECIALTY SERVICES

Shock/Trauma Unit: Yes
Burn Unit: Yes
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: Yes
Hospice Care: No

Medicare
Provider No.050348

UNIVERSITY OF CALIFORNIA, IRVINE

BERKELEY • DAVIS • IRVINE • LOS ANGELES • RIVERSIDE • SAN DIEGO • SAN FRANCISCO     SANTA BARBARA • SANTA CRUZ

OFFICE OF THE DIRECTOR
CLINICAL SERVICES

MEDICAL CENTER
101 THE CITY DRIVE
ORANGE, CALIFORNIA 92668

October 17, 1988

Health Standards and Quality Bureau
Mrs. Sandra Kappert
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland  21207

**Dear Mrs. Kappert:**

We have reviewed the CMRI Mortality Data Report for 1987 and were pleased to note that UCI Medical Center **was well within the predicted ranges.** On an ongoing basis, the UCI Medical Center Quality Assurance Program, along with the Medical Staff departments and committees, review all deaths in our facility.

As in previous years, the data reported from CMRI does not indicate, nor take into consideration the cause of death, severity of illness, and only reflects the Medicare cases, not the total population at UCIMC. Therefore, the statistics could be misleading.

In addition, corrections to be made for the hospital characteristics are:

Beds: Licensed - 493   Available - 399
Occupancy Rate: 81.5 (Available)
Total number of physicians: 1250 (includes voluntary and active medical staff)
Intern/Resident per bed: 1.9
R.N. per bed: 1.76 (based on available beds)

Also, eleven cases were documented in two different diagnostic categories. This may be misleading if counted as two deaths versus one death.

Sincerely,

Larry Stahl

Larry A. Stahl
Assistant Director, Hospital and Clinics
and Risk Manager

cc: Mary Piccione
Walter Henry, M.D.
Corrine Jarvis, R.N.

## UNIVERSITY HOSPITAL UCSD MEDICAL CTR

225 DICKINSON ST
SAN DIEGO, CA 92103

Medicare Hospital Provider Number: 050025

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,565 | 9 | 8 - 12 | 1,601 | 9 | 8 - 13 |
| Cancer | 76 | 33 | 31 - 56 | 98 | 36 | 31 - 55 |
| Cerebrovascular Accidents | 35 | 20 | 12 - 40 | 39 | 18 | 13 - 39 |
| Gastrointestinal Catastrophes | 15 | 13 | 11 - 52 | 14 | 29 | 12 - 61 |
| Infectious Disease | 5 | 40 | 5 - 78 | 6 | 50 | 1 - 78 |
| Metabolic/Electrolyte Disorders | 28 | 36 | 10 - 49 | 15 | 7 | 4 - 43 |
| Pulmonary Disease | 40 | 25 | 11 - 40 | 40 | 35 | 10 - 41 |
| Renal Failure | 3 | 0 | 0 - 95 | 8 | 13 | 1 - 72 |
| Severe Acute Heart Disease | 40 | 42 | 24 - 55 | 48 | 17 | 25 - 48 |
| Severe Chronic Heart Disease | 43 | 9 | 12 - 32 | 48 | 21 | 12 - 37 |
| Severe Trauma | 22 | 14 | 8 - 46 | 17 | 47 | 10 - 59 |
| Gastrointestinal Disease | 39 | 3 | 0 - 25 | 35 | 0 | 0 - 29 |
| Gynecologic Disease | 17 | 0 | 0 -100 | 17 | 0 | 0 -100 |
| Low-Risk Heart Disease | 129 | 4 | 1 - 10 | 132 | 1 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 148 | 4 | 0 - 12 | 154 | 2 | 0 - 8 |
| Neuropsychiatric/Sensory Disease | 86 | 1 | 0 - 13 | 90 | 0 | 0 - 7 |
| Urologic Disease | 168 | 0 | 0 - 5 | 186 | 1 | 0 - 8 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 406 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | State Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

UCSD
MEDICAL CENTER
University of California, San Diego,
Medical Center

225 Dickinson Street
San Diego, CA 92103-1990

Office of the Director

October 7, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

**RE: Medicare Hospital Mortality Information (1987)**
**University of California, San Diego Medical Center**
**Medicare Provider Number 05-0025**

Dear Sir:

I am writing to request that a copy of this letter be included with the final publication of UCSD Medical Center's mortality information.

The UCSD Medical Center is a teaching hospital associated with the school of Medicine, University of California, San Diego. The Medical Center is a tertiary care facility with a Regional Burn Center, Level I Trauma Center, licensed comprehensive Emergency Room Medical Services, Level III neonatal unit, and Level III Perinatal Services. Further, we have a number of specialty services, including Pulmonary Critical Care, Stroke Unit, Cancer treatment, etc. Because of the level of services available here, we generally admit and treat high-risk, seriously ill patients who may have multiple traumatic injuries or multiple medical problems. A number of these patients may expire from underlying concomitant conditions other than the "principal" condition which necessitated hospitalization. Our records indicate that 40% of the patients who expired had a complicating or comorbid condition not reflected in the DRG Determination.

Our records indicate that 2,852 Medicare admissions occurred in 1987. Presumably, the discrepancy between HCFAs count (1565) and ours reflects multiple admissions of individual beneficiaries. However, due to the limited 30 day review and response time, it was not possible to verify all of HCFAs individual beneficiary data for accuracy.

The overall mortality rate noted by HCFA for UCSD Medical Center was (9%). However, during our review of the data we found that four (4) patient deaths attributed to UCSD Medical Center as the patients last hospital discharge in 1987 are incorrect. These patients were transferred from UCSD Medical Center to **NON-PROSPECTIVE PAYMENT SYSTEM HOSPITALS,** i.e, **Veterans Administration and Military Hospitals.** Non-Prospective Payment

System Hospitals are not addressed by HCFAs data. One patient identified in the Cancer Category is noted incorrectly. The patients Principal Discharge Diagnosis was not 198.5. The actual Principal Discharge Diagnosis Code 733.1 does not fall into HCFAs selected ICD-9-CM codes listed by diagnostic category. The HCFA data indicates that a total of 132 Medicare patients admitted to the Medical Center expired within 30 days of admission. **Removal of these five (5) patients reduces UCSD Medical Centers total to 127 and overall mortality rate to 8% the lowest end of the range of HCFAs Predicated Mortality Rates (8-12%). Attached is a listing of individual patient data to support and confirm our findings.** Additionally, the following categories should be adjusted to more accurately reflect our mortality rates:

| | | | |
|---|---|---|---|
| **CANCER** | **32%** | **NOT** | **33%** |
| **GASTROINTESTINAL CATASTROPHES** | **7%** | **NOT** | **13%** |
| **SEVERE CHRONIC HEART DISEASE** | **7%** | **NOT** | **9%** |
| **METABOLIC/ELECTROLYTE DISTURBANCES** | **32%** | **NOT** | **36%** |
| **SEVERE TRAUMA** | **9%** | **NOT** | **14%** |

Of the ten High Risk Diagnostic Categories, UCSD Medical Center fell below the Predicted Mortality Rate in one category and well within the range for the remaining nine categories. Of the six Low Risk Diagnostic Categories, UCSD fell in the low end of the range. Further, of the 127 patients who expired 6% were transferred to UCSD Medical Center for further definitive care, and 10% were transferred directly from other Hospital Emergency Rooms. 51% of the patients were admitted through our Emergency Room, which excludes Trauma and Burn patients, indicating that the patients were acutely symptomatic at the time of admission.

Review of HCFAs adjustments to the 1986 Mortality Data did not significantly impact UCSD Medical Center. The overall mortality rate remains 9%. Continued to fall below the Predicted Mortality rate in two categories, and of the ten High Risk Categories fell well within the Predicted range with 4 categories in the low end of the range. Additionally, the adjusted range for Severe Trauma now places UCSD within the Predicted range.

The Hospital Characteristics information is incorrect and should reflect the following corrections:

| | | | |
|---|---|---|---|
| BEDS (#) | 447 | OCCUPANCY RATE (%) | 78% |
| TOTAL NUMBR OF PHYSICIANS: | | | |
| Hospital Based Physicians | 351 | Community Physicians | 603 |
| Board Certified Specialists | 85% | | |

Overall, we believe the HCFA data reflects the practice of excellent patient care at UCSD Medical Center.

Sincerely,

Michael R. Stringer
Director
Hospital and Clinics

## UNIVERSITY OF CALIF AT SAN FRANCISCO

505 PARNASSUS AVE
SAN FRANCISCO, CA 94143

Medicare Hospital Provider Number: 050454

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,708 | 9 | 9 - 13 | 2,782 | 7 | 8 - 12 |
| Cancer | 194 | 22 | 31 - 49 | 177 | 18 | 30 - 48 |
| Cerebrovascular Accidents | 58 | 28 | 15 - 39 | 64 | 27 | 14 - 37 |
| Gastrointestinal Catastrophes | 28 | 11 | 16 - 47 | 15 | 33 | 18 - 66 |
| Infectious Disease | 25 | 32 | 17 - 56 | 19 | 42 | 12 - 57 |
| Metabolic/Electrolyte Disorders | 20 | 25 | 11 - 52 | 17 | 12 | 9 - 47 |
| Pulmonary Disease | 64 | 28 | 14 - 38 | 46 | 20 | 13 - 39 |
| Renal Failure | 67 | 3 | 1 - 62 | 80 | 1 | 1 - 61 |
| Severe Acute Heart Disease | 95 | 40 | 29 - 51 | 80 | 39 | 29 - 52 |
| Severe Chronic Heart Disease | 72 | 18 | 17 - 37 | 54 | 19 | 14 - 36 |
| Severe Trauma | 2 | 0 | 4 - 89 | 5 | 0 | 8 - 66 |
| Gastrointestinal Disease | 101 | 2 | 1 - 9 | 125 | 1 | 2 - 7 |
| Gynecologic Disease | 25 | 0 | 0 -100 | 24 | 4 | 0 -100 |
| Low-Risk Heart Disease | 183 | 5 | 1 - 9 | 219 | 6 | 2 - 9 |
| Musculoskeletal/Skin Conditions | 312 | 2 | 1 - 5 | 342 | 1 | 1 - 4 |
| Neuropsychiatric/Sensory Disease | 148 | 1 | 0 - 8 | 145 | 1 | 0 - 8 |
| Urologic Disease | 112 | 2 | 0 - 19 | 153 | 1 | 0 - 7 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 560 |
| Occupancy Rate (%): | 71 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 1,350 |
| Percent of Physicians Who Are Board Certified Specialists: | 83 |
| Interns and Residents: | 238 |
| Registered Nurses: | 987 |
| Licensed Practical Nurses: | 37 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | Yes |
| Hospice Care: | No |

Office of the Director
Moffitt 181
San Francisco, CA 94143-0208
415/476-1401

UCSF
The Medical Center at the University of California, San Francisco
Herbert C. Moffitt Hospital
Joseph M. Long Hospital
UCSF Children's Medical Center
Langley Porter Psychiatric Hospital
Ambulatory Care Center
Herbst Emergency Service

October 19, 1988 Hospital ID: 050454

William L. Roper, MD
Administrator
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

On behalf of the Medical Center and Medical Staff of the University of California, San Francisco, I am writing in response to HCFA's planned December 1988 release of hospital-specific mortality information on Medicare patients cared for during calendar year 1987. Once again, please accept our appreciation for the opportunity to review and comment upon the data prior to the release.

The mortality rates for this institution fell below or within the adjusted average mortality rates in all diagnostic categories. As with prior releases, however, our Medical Staff viewed the mortality information as an opportunity to assess the thoroughness of its own quality assurance mechanisms. In response to this year's release, all deaths which occurred at this hospital in each of several of the largest diagnostic categories were individually reviewed, and were found without exception to have been previously reviewed by the Surgical Case and Hospital Mortality Review Committee, a subcommittee of the Quality Assurance Executive Committee. Review by this Committee was preceded in all cases by review within the clinical department caring for the patient.

Our Medical Staff are committed to the review of hospital deaths as a critical component of quality assurance peer review. We recognize and applaud the efforts which HCFA has made since last year's release to make the diagnostic categories more "risk- homogeneous", and we support the steps taken to weigh prior same-year admissions and patient age differently. However, we strongly encourage continued efforts to further refine methodologies. We remain convinced that mortality information must more closely reflect the severity or case-mix characteristics of individual hospitals in order to be of real value to hospitals, physicians or consumers.

Sincerely,

William B. Kerr
Director
Medical Center

WBK:nv

cc: J. Krevans, MD
R. Schmid, MD
A. Ablin, MD
S. Lindenfeld, MD

## US AIR FORCE HOSP

TRAVIS AIRFORCE BASE
FAIRFIELD, CA 94535

Medicare Hospital Provider Number: 05015F

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1 | 100 | 0 -100 | 1 | 0 | 0 -100 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 0 | - | - | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 0 | - | - |
| Musculoskeletal/Skin Conditions | 0 | - | - | 0 | - | - |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 0 | - | - |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA (not available)

| | |
|---|---|
| Total Beds (#): | 385 |
| Ownership/Control: | Federal Government |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 0 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## US NAVAL HOSP
8750 MOUNTAIN BLVD
OAKLAND, CA 94614

Medicare Hospital Provider Number: 05021F

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 3 | 0 | 0 -100 | 2 | 50 | 0 -100 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 0 | - | - |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 0 | - | - | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 0 | - | - | 0 | - | - |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 0 | - | - | 0 | - | - |
| Musculoskeletal/Skin Conditions | 0 | - | - | 0 | - | - |
| Neuropsychiatric/Sensory Disease | 0 | - | - | 0 | - | - |
| Urologic Disease | 0 | - | - | 0 | - | - |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA (not available)

| | |
|---|---|
| Total Beds (#): | 750 |
| Ownership/Control: | Federal Government |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 0 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# VALLEY COMM HOSP

505 E PLAZA DR
SANTA MARIA, CA 93454

Medicare Hospital Provider Number: 050449

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 618 | 15 | 9 - 16 | 517 | 13 | 9 - 16 |
| Cancer | 24 | 63 | 25 - 64 | 9 | 78 | 20 - 73 |
| Cerebrovascular Accidents | 13 | 23 | 7 - 54 | 14 | 14 | 12 - 52 |
| Gastrointestinal Catastrophes | 4 | 50 | 5 - 82 | 5 | 40 | 12 - 83 |
| Infectious Disease | 13 | 62 | 18 - 68 | 3 | 67 | 4 - 86 |
| Metabolic/Electrolyte Disorders | 13 | 38 | 7 - 60 | 13 | 31 | 10 - 61 |
| Pulmonary Disease | 32 | 34 | 16 - 49 | 22 | 27 | 11 - 50 |
| Renal Failure | 1 | 0 | 1 - 97 | 3 | 67 | 11 - 94 |
| Severe Acute Heart Disease | 28 | 36 | 20 - 55 | 31 | 39 | 25 - 59 |
| Severe Chronic Heart Disease | 27 | 26 | 9 - 43 | 20 | 25 | 11 - 49 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 52 | 2 | 1 - 15 | 54 | 4 | 0 - 21 |
| Gynecologic Disease | 18 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Low-Risk Heart Disease | 87 | 2 | 1 - 10 | 61 | 0 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 48 | 4 | 0 - 36 | 46 | 4 | 0 - 57 |
| Neuropsychiatric/Sensory Disease | 10 | 10 | 0 - 90 | 15 | 0 | 0 - 97 |
| Urologic Disease | 22 | 9 | 0 -100 | 16 | 6 | 0 - 99 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 48
Occupancy Rate (%): 69
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: 85
Percent of Physicians Who Are Board Certified Specialists: 61
Interns and Residents: 0
Registered Nurses: 68
Licensed Practical Nurses: 5

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

Summit Health Ltd.
**VALLEY COMMUNITY HOSPITAL**
505 E. Plaza Drive, Santa Maria, California 93454 • (805) 925-0935

October 17, 1988

Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207
ATTN: Mrs. Sandra Kappert

MEDICARE PROVIDER NUMBER: 050449

Dear Mrs. Kappert:

I am in receipt of the letter from William Roper, M.D. regarding selected mortality information slated for publication in December, 1988. My comments follow:

> This set of statistics shows a limited group of cancers which has an extremely high risk factor for early mortlity. In this high risk group, Valley Community Hospital demonstrates a 63% mortality rate within 30 days following discharge. This mortality rate would be markedly reduced if all cancers were listed.
>
> It should be noted that the degree of advancement of the disease process at the time of diagnosis has great impact on the final outcome. Neoplasms are placed in categories according to location and spread of disease. When the initial diagnosis is made in either Stage III or Stage IV, the likelihood of effective therapeutic intervention is low. Of the fifteen patients listed who died, twelve were diagnosed in either Stage III or Stage IV. Of the three remaining patients (all diagnosed in Stage II), one refused further treatment, one had a chronic leukemia which idiopathically converted to acute leukemia, and one had surgery with recurrence several years postoperatively, at which time the patient's staging dropped to Stage IV.
>
> We believe at Valley Community Hospital that the publishing of this type of data is of limited value. We respectfully request that the above comments be made known to the public. This will result in more informed and factual data and a better informed populace.

Sincerely,

Samuel W. Pangburn
Executive Director

SP:dfv
cc: C. Rodriguez, M.D.
Chief of Staff

# VALLEY HOSPITAL

1410 N GAREY AVE
POMONA , CA 91767

Medicare Hospital Provider Number: 050669

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 19 | 0 | 0 - 98 | 38 | 0 | 0 - 17 |
| Cancer | 0 | - | - | 0 | - | - |
| Cerebrovascular Accidents | 0 | - | - | 1 | 0 | 0 - 98 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 0 | - | - |
| Metabolic/Electrolyte Disorders | 0 | - | - | 0 | - | - |
| Pulmonary Disease | 0 | - | - | 0 | - | - |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 0 | - | - | 0 | - | - |
| Severe Chronic Heart Disease | 0 | - | - | 0 | - | - |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 3 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Gynecologic Disease | 0 | - | - | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Musculoskeletal/Skin Conditions | 8 | 0 | 0 -100 | 11 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 3 | 0 | 0 -100 | 15 | 0 | 0 - 77 |
| Urologic Disease | 1 | 0 | 0 -100 | 1 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1988

Total Beds (#): 18
Ownership/Control: Private, For Profit

STAFFING

Interns and Residents: 0
Registered Nurses: 16
Licensed Practical Nurses: 2

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## VALLEY HOSPITAL MEDICAL CENTER

14500 SHERMAN CIRCLE
VAN NUYS, CA 91405

Medicare Hospital Provider Number: 050299

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 979 | 16 | 11 - 17 | 1,029 | 15 | 11 - 17 |
| Cancer | 14 | 21 | 16 - 61 | 18 | 50 | 18 - 63 |
| Cerebrovascular Accidents | 15 | 33 | 8 - 55 | 34 | 21 | 16 - 45 |
| Gastrointestinal Catastrophes | 9 | 22 | 10 - 66 | 14 | 36 | 14 - 63 |
| Infectious Disease | 23 | 17 | 17 - 52 | 19 | 42 | 14 - 59 |
| Metabolic/Electrolyte Disorders | 38 | 32 | 12 - 46 | 34 | 24 | 9 - 43 |
| Pulmonary Disease | 115 | 35 | 18 - 39 | 97 | 42 | 21 - 43 |
| Renal Failure | 4 | 75 | 9 - 85 | 5 | 20 | 4 - 78 |
| Severe Acute Heart Disease | 35 | 49 | 26 - 59 | 24 | 29 | 22 - 58 |
| Severe Chronic Heart Disease | 46 | 24 | 13 - 39 | 55 | 35 | 14 - 40 |
| Severe Trauma | 2 | 0 | 5 - 89 | 0 | - | - |
| Gastrointestinal Disease | 52 | 4 | 0 - 20 | 55 | 9 | 1 - 24 |
| Gynecologic Disease | 6 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 80 | 5 | 1 - 16 | 98 | 4 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 61 | 5 | 0 - 24 | 73 | 1 | 1 - 11 |
| Neuropsychiatric/Sensory Disease | 44 | 2 | 0 - 34 | 49 | 0 | 0 - 20 |
| Urologic Disease | 33 | 0 | 0 - 39 | 31 | 3 | 0 - 80 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 198 |
| Occupancy Rate (%): | 56 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 135 |
| Percent of Physicians Who Are Board Certified Specialists: | 73 |
| Interns and Residents: | 0 |
| Registered Nurses: | 137 |
| Licensed Practical Nurses: | 78 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## VALLEY MED CENTER

445 S CEDAR AVE
FRESNO, CA 93702

Medicare Hospital Provider Number: 050213

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,089 | 19 | 11 - 16 | 1,235 | 18 | 11 - 16 |
| Cancer | 30 | 60 | 27 - 63 | 28 | 64 | 26 - 62 |
| Cerebrovascular Accidents | 52 | 35 | 13 - 40 | 43 | 47 | 17 - 47 |
| Gastrointestinal Catastrophes | 14 | 21 | 11 - 57 | 16 | 50 | 16 - 64 |
| Infectious Disease | 11 | 36 | 8 - 63 | 8 | 75 | 14 - 72 |
| Metabolic/Electrolyte Disorders | 20 | 20 | 6 - 47 | 29 | 28 | 9 - 46 |
| Pulmonary Disease | 68 | 32 | 16 - 40 | 99 | 38 | 16 - 38 |
| Renal Failure | 11 | 18 | 8 - 66 | 7 | 43 | 5 - 76 |
| Severe Acute Heart Disease | 64 | 56 | 30 - 56 | 59 | 36 | 29 - 54 |
| Severe Chronic Heart Disease | 50 | 18 | 14 - 37 | 65 | 15 | 17 - 36 |
| Severe Trauma | 8 | 63 | 7 - 70 | 18 | 39 | 10 - 58 |
| Gastrointestinal Disease | 38 | 8 | 0 - 44 | 46 | 7 | 0 - 51 |
| Gynecologic Disease | 2 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Low-Risk Heart Disease | 97 | 3 | 1 - 11 | 114 | 10 | 1 - 16 |
| Musculoskeletal/Skin Conditions | 79 | 8 | 0 - 36 | 83 | 1 | 1 - 9 |
| Neuropsychiatric/Sensory Disease | 30 | 3 | 0 - 38 | 29 | 7 | 0 - 50 |
| Urologic Disease | 58 | 3 | 1 - 16 | 41 | 2 | 0 - 27 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 375 |
| Occupancy Rate (%): | 73 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 160 |
| Percent of Physicians Who Are Board Certified Specialists: | 79 |
| Interns and Residents: | 120 |
| Registered Nurses: | 327 |
| Licensed Practical Nurses: | 79 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | Yes |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

County of
FRESNO

**Valley Medical Center**

October 20, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

In response to your letter of September 15, 1988, and the accompanying mortality data for Valley Medical Center of Fresno, I submit the following comments in two categories:

(1) Verification of data.
We have already reported by phone to Mr. William Nicholls and Mr. Paul Ellstein the errors in the section on hospital characteristics which reports VMC bed capacity at 126 beds. If this represents medical/surgical beds, the correct number is 174 (out of 417 licensed beds). It is my understanding from Mr. Ellstein that staffing designation techniques are undergoing revision anyway, so corrections seem irrelevant here.

We were unable to verify all cases and deaths recorded in your published material. However, our examination of the data did reveal some discrepancies such as inappropriate inclusion of some cases in the list of mortalities. In addition we were also able to identify 20 Medicare cases of severe trauma with 9 deaths resulting in a mortality rate of 45% as opposed to your report of 8 severe trauma cases, 5 deaths, and a mortality rate of 63%. We also believe that your data related to severe acute heart disease does not include lower risk patients who would be sent to another hospital for coronary artery surgery, thus weighting our cases somewhat on the side of high risk.

(2) Relevant Hospital Characteristics
The following factors influence patient outcome at Valley Medical Center: (a) The patient population displays a high level of illness acuity and severity; (b) Many patients at Valley Medical Center seek care late in the course of their illnesses, resulting in greater morbidity and mortality; (c) Many patients suffer from multiple illnesses (comorbidity), not all information on which is

445 South Cedar Avenue/Fresno, California 93702/(209) 453-4000
Equal Employment Opportunity — Affirmative Action — Handicap Employer

included in your data as a modifying factor adjusting the predicted mortality; (d) Long-standing disease is common among patients in this hospital; (e) Many patients live under social conditions which adversely effect their state of health.

We appreciate the opportunity to respond to the information released by HCFA and hope that your efforts to refine the data and render it more relevant will continue.

Sincerely,

Bruce G Satzger

Bruce G. Satzger
Administrator

BGS:RAL

## VALLEY MEMORIAL HOSP

1111 EAST STANLEY BLVD
LIVERMORE, CA 94550

Medicare Hospital Provider Number: 050283

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 990 | 14 | 10 - 16 | 926 | 14 | 10 - 16 |
| Cancer | 32 | 38 | 25 - 59 | 34 | 38 | 20 - 55 |
| Cerebrovascular Accidents | 76 | 34 | 17 - 39 | 45 | 36 | 15 - 44 |
| Gastrointestinal Catastrophes | 17 | 47 | 11 - 59 | 18 | 44 | 15 - 62 |
| Infectious Disease | 20 | 30 | 14 - 56 | 16 | 25 | 12 - 56 |
| Metabolic/Electrolyte Disorders | 12 | 17 | 9 - 56 | 15 | 0 | 9 - 38 |
| Pulmonary Disease | 54 | 22 | 13 - 38 | 32 | 22 | 14 - 45 |
| Renal Failure | 8 | 63 | 11 - 77 | 4 | 50 | 10 - 88 |
| Severe Acute Heart Disease | 35 | 37 | 22 - 54 | 56 | 52 | 27 - 54 |
| Severe Chronic Heart Disease | 63 | 22 | 13 - 35 | 46 | 22 | 12 - 37 |
| Severe Trauma | 2 | 0 | 1 - 90 | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 58 | 2 | 1 - 14 | 56 | 2 | 0 - 15 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 101 | 1 | 1 - 8 | 101 | 2 | 1 - 9 |
| Musculoskeletal/Skin Conditions | 86 | 1 | 0 - 14 | 92 | 1 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 18 | 0 | 0 - 52 | 18 | 6 | 0 - 94 |
| Urologic Disease | 38 | 0 | 0 - 27 | 24 | 0 | 0 - 31 |

## HOSPITAL CHARACTERISTICS

### SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 110 |
| Occupancy Rate (%): | 56 |
| Ownership/Control: | Private, Non-profit |

### STAFFING

| | |
|---|---|
| Total Number of Physicians: | 130 |
| Percent of Physicians Who Are Board Certified Specialists: | 70 |
| Interns and Residents: | 0 |
| Registered Nurses: | 97 |
| Licensed Practical Nurses: | 14 |

### SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

VALLEY
MEMORIAL
HOSPITAL
A VALLEYCARE FACILITY

1111 East Stanley Boulevard
Livermore, CA 94550
415/447-7000

October 21, 1988

William L. Roper, MD
Administrator
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6525 Security Blvd.
Baltimore, Md. 21207

Dear Doctor Roper:

Thank you for sharing with us our Medicare mortality statistics for 1986 and 1987.

Mortality review is one ongoing process of the Quality Assurance Program at Valley Memorial Hospital. On a monthly basis, the Medical Staff conducts an intensive review of the medical record of every patient who expires at this facility. The purpose of this review is to determine if the care given met the highest community standards for quality and appropriateness. We are pleased to have an additional tool to augment this analysis.

Valley Memorial Hospital appreciates your efforts to assist health care organizations in identifying opportunities to improve patient care.

Sincerely,

Robert H Fish

ROBERT H. FISH
PRESIDENT AND C.E.O.

Sincerely,

J. Krejcha, M.D.

JAMES J. KREJCHA, MD
CHIEF OF MEDICAL STAFF

## VALLEY PRESBYTERIAN HOSPITAL

1510 VANOWEN ST
VAN NUYS, CA 91406

Medicare Hospital Provider Number: 050126

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 2,427 | 12 | 10 - 14 | 2,383 | 12 | 10 - 15 |
| Cancer | 109 | 46 | 33 - 56 | 121 | 38 | 29 - 51 |
| Cerebrovascular Accidents | 95 | 15 | 17 - 33 | 74 | 20 | 21 - 41 |
| Gastrointestinal Catastrophes | 15 | 47 | 12 - 62 | 16 | 31 | 12 - 59 |
| Infectious Disease | 44 | 41 | 20 - 52 | 52 | 42 | 24 - 55 |
| Metabolic/Electrolyte Disorders | 43 | 19 | 9 - 39 | 30 | 10 | 10 - 40 |
| Pulmonary Disease | 121 | 31 | 18 - 38 | 114 | 33 | 19 - 39 |
| Renal Failure | 7 | 71 | 9 - 77 | 6 | 83 | 22 - 90 |
| Severe Acute Heart Disease | 75 | 40 | 29 - 53 | 79 | 37 | 32 - 55 |
| Severe Chronic Heart Disease | 97 | 20 | 16 - 34 | 93 | 29 | 17 - 37 |
| Severe Trauma | 2 | 50 | 2 - 92 | 2 | 50 | 2 - 92 |
| Gastrointestinal Disease | 177 | 2 | 1 - 7 | 151 | 3 | 1 - 9 |
| Gynecologic Disease | 31 | 0 | 0 - 97 | 28 | 0 | 0 - 42 |
| Low-Risk Heart Disease | 337 | 4 | 2 - 7 | 296 | 4 | 1 - 7 |
| Musculoskeletal/Skin Conditions | 233 | 3 | 1 - 7 | 244 | 3 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 110 | 2 | 1 - 10 | 106 | 0 | 0 - 7 |
| Urologic Disease | 91 | 1 | 0 - 10 | 90 | 0 | 0 - 7 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 363 |
| Occupancy Rate (%): | 60 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 252 |
| Percent of Physicians Who Are Board Certified Specialists: | 94 |
| Interns and Residents: | 0 |
| Registered Nurses: | 276 |
| Licensed Practical Nurses: | 67 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# VAN NUYS COMMUNITY HOSPITAL

14433 EMELITA ST
VAN NUYS, CA 91401

Medicare Hospital Provider Number: 050326

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 285 | 20 | 11 - 21 | 297 | 25 | 12 - 23 |
| Cancer | 3 | 33 | 4 - 86 | 6 | 50 | 11 - 78 |
| Cerebrovascular Accidents | 7 | 43 | 5 - 71 | 8 | 25 | 8 - 66 |
| Gastrointestinal Catastrophes | 7 | 14 | 8 - 66 | 7 | 14 | 9 - 67 |
| Infectious Disease | 11 | 55 | 16 - 71 | 4 | 50 | 3 - 82 |
| Metabolic/Electrolyte Disorders | 13 | 46 | 7 - 61 | 10 | 50 | 2 - 67 |
| Pulmonary Disease | 55 | 24 | 15 - 40 | 62 | 44 | 18 - 45 |
| Renal Failure | 3 | 33 | 4 - 87 | 5 | 40 | 4 - 81 |
| Severe Acute Heart Disease | 5 | 80 | 11 - 77 | 7 | 100 | 30 - 74 |
| Severe Chronic Heart Disease | 13 | 23 | 5 - 53 | 23 | 30 | 12 - 50 |
| Severe Trauma | 0 | - | - | 1 | 100 | 3 - 98 |
| Gastrointestinal Disease | 18 | 0 | 0 - 66 | 17 | 0 | 0 - 62 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 10 | 0 | 0 - 86 | 14 | 0 | 0 - 60 |
| Musculoskeletal/Skin Conditions | 21 | 0 | 0 - 80 | 24 | 4 | 0 - 93 |
| Neuropsychiatric/Sensory Disease | 7 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Urologic Disease | 6 | 0 | 0 -100 | 3 | 33 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 63
Occupancy Rate (%): (not available)
Ownership/Control: Private, For Profit

STAFFING

Total Number of Physicians: (not available)
Percent of Physicians Who Are Board Certified Specialists: (not available)
Interns and Residents: (not available)
Registered Nurses: (not available)
Licensed Practical Nurses: (not available)

SPECIALTY SERVICES

Shock/Trauma Unit: (not available)
Burn Unit: (not available)
Medical/Surgical Intensive Care: (not available)
Cardiac Intensive Care: (not available)
Organ Transplant Service: (not available)
Hospice Care: (not available)

## VENTURA COUNTY MED CTR

3291 LOMA VISTA RD
VENTURA, CA 93003

Medicare Hospital Provider Number: 050159

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 482 | 13 | 7 - 13 | 624 | 15 | 8 - 14 |
| Cancer | 18 | 39 | 24 - 68 | 20 | 45 | 21 - 64 |
| Cerebrovascular Accidents | 23 | 35 | 8 - 48 | 24 | 29 | 12 - 48 |
| Gastrointestinal Catastrophes | 1 | 100 | 1 - 97 | 10 | 30 | 6 - 63 |
| Infectious Disease | 8 | 63 | 4 - 68 | 8 | 63 | 14 - 75 |
| Metabolic/Electrolyte Disorders | 10 | 30 | 2 - 65 | 12 | 8 | 4 - 49 |
| Pulmonary Disease | 17 | 35 | 8 - 53 | 37 | 27 | 11 - 42 |
| Renal Failure | 2 | 50 | 2 - 92 | 2 | 50 | 2 - 92 |
| Severe Acute Heart Disease | 16 | 56 | 16 - 63 | 20 | 60 | 20 - 62 |
| Severe Chronic Heart Disease | 15 | 7 | 9 - 42 | 29 | 45 | 10 - 46 |
| Severe Trauma | 2 | 100 | 1 - 90 | 6 | 50 | 7 - 76 |
| Gastrointestinal Disease | 18 | 6 | 0 - 97 | 21 | 5 | 0 - 47 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 33 | 3 | 0 - 30 | 43 | 14 | 0 - 41 |
| Musculoskeletal/Skin Conditions | 34 | 6 | 0 - 61 | 52 | 0 | 0 - 31 |
| Neuropsychiatric/Sensory Disease | 117 | 2 | 0 - 19 | 109 | 2 | 0 - 42 |
| Urologic Disease | 11 | 0 | 0 - 91 | 20 | 5 | 0 - 76 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 208 |
| Occupancy Rate (%): | 68 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 260 |
| Percent of Physicians Who Are Board Certified Specialists: | 73 |
| Interns and Residents: | 37 |
| Registered Nurses: | 161 |
| Licensed Practical Nurses: | 28 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## VERDUGO HILLS HOSP

1812 VERDUGO BLVD
GLENDALE, CA 91209

Medicare Hospital Provider Number: 050124

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,535 | 14 | 9 - 14 | 1,570 | 15 | 10 - 15 |
| Cancer | 55 | 49 | 26 - 55 | 56 | 61 | 28 - 57 |
| Cerebrovascular Accidents | 69 | 32 | 17 - 40 | 69 | 29 | 17 - 40 |
| Gastrointestinal Catastrophes | 13 | 54 | 10 - 62 | 17 | 18 | 13 - 54 |
| Infectious Disease | 14 | 36 | 12 - 62 | 11 | 27 | 12 - 64 |
| Metabolic/Electrolyte Disorders | 25 | 28 | 12 - 50 | 20 | 25 | 4 - 48 |
| Pulmonary Disease | 90 | 42 | 14 - 37 | 93 | 34 | 17 - 39 |
| Renal Failure | 6 | 33 | 10 - 81 | 13 | 62 | 17 - 77 |
| Severe Acute Heart Disease | 46 | 59 | 26 - 55 | 61 | 49 | 27 - 53 |
| Severe Chronic Heart Disease | 65 | 23 | 15 - 36 | 60 | 18 | 13 - 34 |
| Severe Trauma | 7 | 29 | 8 - 71 | 3 | 33 | 6 - 87 |
| Gastrointestinal Disease | 91 | 4 | 0 - 15 | 87 | 5 | 1 - 14 |
| Gynecologic Disease | 32 | 0 | 0 -100 | 31 | 0 | 0 -100 |
| Low-Risk Heart Disease | 143 | 5 | 1 - 10 | 147 | 3 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 209 | 2 | 1 - 7 | 213 | 2 | 0 - 7 |
| Neuropsychiatric/Sensory Disease | 44 | 11 | 0 - 54 | 50 | 4 | 0 - 23 |
| Urologic Disease | 80 | 0 | 0 - 14 | 81 | 2 | 0 - 19 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 150 |
| Occupancy Rate (%): | 56 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 140 |
| Percent of Physicians Who Are Board Certified Specialists: | 71 |
| Interns and Residents: | 0 |
| Registered Nurses: | 116 |
| Licensed Practical Nurses: | 20 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

VERDUGO HILLS HOSPITAL

1812 Verdugo Boulevard
P.O. Box 1431
Glendale, California 91209
818/790-7100

October 19, 1988

Health Care Financing Administration
Health Standards & Quality Bureau
Attention: Sandra Kappert
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

**RE: MEDICARE PROVIDER NUMBER 050124**

Gentlemen:

These comments are in response to your 1987 Medicare Hospital Mortality Information received on September 20, 1988, which we would like included with the release of data to the public sometime during December, 1988.

We note the general approach of tabulation and analysis of the data was, in general, the same as your prior year release. We, therefore, must repeat our previous remarks regarding this approach.

The mortality rate that HCFA is attempting to ascribe to our facility includes deaths which occurrred 30 days after the patient was discharged from our hospital. We have no way of knowing, nor does HCFA, why the deaths occurred. It may or may not have been related to the diagnosis for which the patient was cared for in Verdugo Hills Hospital. We know that 185 Medicare deaths occurred in the hospital, attributable to the disease for which the patient was admitted. HCFA ascribed a total of 332 deaths to Verdugo Hills Hospital, therefore statistically 147 deaths occurred after the patient was discharged. We also know that Health Care Financing Administration inadvertently included 49 deaths which occurred in 1988 in error. The actual number of deaths after discharge from Verdugo Hills Hospital was 98. In these instances we do not have any reasonable means of knowing why the death occurred. According to HCFA methodology, a post discharge death by automobile accident, could be ascribed to Verdugo Hills Hospital, which demonstrates the gross statistical base upon which HCFA is attempting to disclose this information. Although their attempt is laudable, we find the statistics have many discrepancies.

It is quite understandable when HCFA deals in mass amounts of statistical data errors are bound to occur. When such data is touted as factual and provides a base for community citizens to evaluate a measure of care or quality of services, it is an extremely weak methodology.

The broad diagnostic categories cited are 16 in number, including an enormous number of sub categories. Aggregating all categories into the "all causes," one could conclude 17 categories. Of those 17, Verdugo Hills Hospital exceeded the predicted mortality range in only two instances; both in the high risk category and in each instance by less than one standard deviation from the norm. A high risk category is labelled as such because it is inherent in the diagnostic category that there is a high probability of death. In the remaining 15 categories we were within the expected range in all categories and well within it in 14 of the 15.

When we examined the high risk diagnostic code of pneumonia we concluded of the total 68 patients, 32 were male and 36 female. The average age of these patients was 80 years (78 - male and 82 - female). Thirty patients died of pneumonia whose average age was 82 (78 - male and 85 - female). Those patients with myocardial infraction and congestive heart failure had similar statistics. Patients with a diagnosis of stroke numbered 69, while 22 died. Of those that died, the average age was 84 (79 - male and 88 - female). I'm impressed with the fact that "there is a time to die" when you are dealing with people of their ages.

Verdugo Hills Hospital prides itself in the quality and professional care we render our patients and the confidence that our community has in the services we render for them. When HCFA eventually develops a severity of illness index which applies to each and every patient and statistical information is tabulated correctly without gross error, we will support the validity and disclosure of such information.

Until that occurs, disclosure of data on the gross basis that HCFA is currently using is misleading, distorted and inappropriate.

Sincerely,

Ronald J. Davey
President

RJD:dr

## VICTOR VALLEY COMM HOSP

15248 11TH ST
VICTORVILLE, CA 92392

Medicare Hospital Provider Number: 050517

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,085 | 13 | 9 - 14 | 1,015 | 15 | 10 - 16 |
| Cancer | 37 | 49 | 23 - 57 | 42 | 38 | 28 - 59 |
| Cerebrovascular Accidents | 43 | 35 | 14 - 43 | 39 | 38 | 12 - 43 |
| Gastrointestinal Catastrophes | 7 | 0 | 9 - 56 | 4 | 25 | 4 - 80 |
| Infectious Disease | 8 | 38 | 7 - 69 | 9 | 33 | 15 - 72 |
| Metabolic/Electrolyte Disorders | 19 | 32 | 10 - 54 | 28 | 32 | 10 - 48 |
| Pulmonary Disease | 91 | 20 | 15 - 34 | 61 | 28 | 16 - 41 |
| Renal Failure | 6 | 67 | 7 - 78 | 5 | 60 | 10 - 85 |
| Severe Acute Heart Disease | 62 | 52 | 26 - 52 | 60 | 53 | 27 - 54 |
| Severe Chronic Heart Disease | 46 | 20 | 12 - 36 | 52 | 25 | 14 - 39 |
| Severe Trauma | 6 | 50 | 9 - 77 | 4 | 25 | 4 - 80 |
| Gastrointestinal Disease | 57 | 12 | 0 - 34 | 59 | 3 | 1 - 15 |
| Gynecologic Disease | 13 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 165 | 2 | 1 - 7 | 161 | 3 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 87 | 2 | 0 - 14 | 49 | 4 | 0 - 27 |
| Neuropsychiatric/Sensory Disease | 58 | 0 | 0 - 12 | 42 | 0 | 0 - 19 |
| Urologic Disease | 70 | 0 | 0 - 14 | 74 | 0 | 0 - 13 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 91 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## VILLA VIEW COMMUNITY HOSP INC

4095 55TH ST
SAN DIEGO, CA 92115

Medicare Hospital Provider Number: 050447

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 443 | 18 | 9 - 17 | 505 | 17 | 10 - 17 |
| Cancer | 13 | 54 | 16 - 67 | 9 | 56 | 17 - 76 |
| Cerebrovascular Accidents | 23 | 35 | 10 - 49 | 20 | 35 | 10 - 51 |
| Gastrointestinal Catastrophes | 4 | 50 | 5 - 82 | 7 | 29 | 12 - 74 |
| Infectious Disease | 4 | 75 | 7 - 81 | 9 | 56 | 15 - 74 |
| Metabolic/Electrolyte Disorders | 16 | 19 | 3 - 50 | 18 | 6 | 8 - 41 |
| Pulmonary Disease | 30 | 43 | 13 - 49 | 26 | 23 | 17 - 51 |
| Renal Failure | 3 | 67 | 6 - 88 | 0 | - | - |
| Severe Acute Heart Disease | 19 | 68 | 23 - 64 | 22 | 55 | 23 - 64 |
| Severe Chronic Heart Disease | 29 | 17 | 8 - 38 | 26 | 38 | 12 - 49 |
| Severe Trauma | 1 | 0 | 1 - 97 | 1 | 100 | 1 - 97 |
| Gastrointestinal Disease | 35 | 9 | 0 - 84 | 32 | 6 | 0 - 41 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 2 | 0 | 0 -100 |
| Low-Risk Heart Disease | 30 | 0 | 1 - 19 | 44 | 5 | 1 - 21 |
| Musculoskeletal/Skin Conditions | 40 | 0 | 0 - 26 | 34 | 0 | 0 - 22 |
| Neuropsychiatric/Sensory Disease | 13 | 0 | 0 -100 | 31 | 0 | 0 - 67 |
| Urologic Disease | 20 | 0 | 0 - 99 | 17 | 0 | 0 - 48 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 100 |
| Occupancy Rate (%): | 75 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 55 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 1 |
| Registered Nurses: | 59 |
| Licensed Practical Nurses: | 30 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**VillaView**
**Community Hospital**
P O Box 5587
5550 University Avenue
San Diego, California 92105-0127

(619) 582-3516

October 10, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Mrs. Kappert:

We have reviewed the reports that HCFA has sent regarding mortality information about Medicare patients discharged from VillaView in 1987.

We appreciate the fact that HCFA has sent these reports and find them to be a useful tool in assisting with our overall mortality review that is conducted on every patient who expires at VillaView. This review is conducted by physicians as part of the peer review process, and is based on criteria for standards of care in our community. The new statistical techniques are an improvement over last year's method. However, we feel we must reiterate our concerns, as stated last year, that the public must understand that the information about mortality that is presented cannot be used as a measure of quality of care due to the limited nature of the information that is used to develop these statistics. We emphasize, as you have in your publications, that there is not currently a way to accurately measure the complex issue such as severity of illness. The statistical model that you use lacks the ability to look at specific clinical information on an individual case basis. During peer review, we do look at each death as an individual case and determine if changes in the care delivered would affect patient outcomes. This is the only valid process that can be used to make a determination on the actual quality of care delivered.

In addition, we feel it necessary to point out that the "predicted" mortality rates that are used by HCFA should be looked at as averages only. As VillaView's mortality rate is outside of the range predicted, we concluded that we must identify a reason why the rate might be expected to differ from the average. Since HCFA cannot, through its display of statistics, say why the rates differ or whether these differences are good or bad in relation to the care delivered, we once again fall back on individual case review to interpret these statistics.

VillaView fell out of the predicted range for all cases by 1 percentage point. When all 16 diagnostic categories are taken into consideration, it must be noted that we have a very small sample of cases in 5 of these categories. We consider the numbers in these categories to be statistically invalid.

In the category of severe acute heart disease with 13 patient deaths out of 19 cases, we exceeded the range by 4%. Case review of these patients indicate the following:

1) Final Diagnoses for These Patients Were:

| | |
|---|---|
| Acute Myocardial Infarction | 8 patients |
| Cardiac Arrest | 3 patients |
| Pulmonary Embolus | 1 patient |
| Ruptured Aortic Aneurysm | 1 patient |

2 patients had a full cardiac arrest hours before admission.
8 patients were admitted through the Emergency Room.
2 patients were admitted directly from the Doctor's Office.
1 patient was transferred from another hospital.
1 patient was transferred from a nursing home.
5 patients had "Do Not Resuscitate" orders.
The average age of the patients was 79 years.

Based on the above information and physician review of the care and treatment during the peer review process, we find that our patients in this category were elderly with diagnoses indicating life threatening diseases. Five patients were not expected to live as determined on admission. All patients had identified co-existing comorbid conditions as defined by HCFA that contributed to their severity of illness.

We believe that VillaView fell out of the predicted range due to the high number of patients in which death was the expected outcome at admission.

In the category of gastrointestinal disease, there were 35 cases with 3 deaths. These cases were reviewed, even though we did not have a rate higher than the predicted range because HCFA identified this category as "low risk". Although these records have already been reviewed, we used HCFA's data to see if we had any further concerns. Review of the records indicate:

1 patient was discharged alive in stable condition, with a recommendation for follow-up treatment at a local V.A. hospital for alcohol rehabilitation. This patient died at another facility within 21 days of discharge from VillaView. We have no further information on this patient.

> 1 patient had surgery for acute cholelithiasis with obstruction. The patient remained stable with normal vital signs during and after the operative procedure. The following day, the patient suffered a cardiac arrest and immediate attempts to resuscitate were unsuccessful. This patient had a history of previous myocardial infarction.

In this category, the care and treatment of the patients were reviewed. Based on previous histories of severely ill, elderly patients (average age 75 years) undergoing extensive surgery, it was determined that the hospital care did not contribute to the cause of death.

On review of the hospital characteristics as identified by HCFA from the American Hospital Association survey for 1986, we note that our physicians who are Board Certified Specialists should total 82% instead of 59%. If HCFA reports our 1987 AHA survey response, we will have no way of knowing if the hospital characteristics are accurate until we review the December publication. It should be noted that in 1987, VillaView offered a new service to comatose patients and in accordance with this new service, our nursing staffing changed.

In summary, we would like to commend HCFA for giving consumers an avenue for becoming better acquainted with the data that the hospitals use for monitoring their quality of care process. Although there are serious limitations to using this data as a determination of hospital quality of care, we will continue to use the data as a means to assist the physicians in the peer review process.

Sincerely,

Pendleton

T.N. Pendleton
President

cc: Janne Taubman
Carol Harvey

TNP:lbc

## VISALIA COMMUNITY HOSP

1633 SOUTH COURT STREET
VISALIA, CA 93277

Medicare Hospital Provider Number: 050418

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 564 | 11 | 9 - 16 | 525 | 12 | 9 - 16 |
| Cancer | 22 | 59 | 22 - 63 | 13 | 46 | 16 - 67 |
| Cerebrovascular Accidents | 31 | 23 | 14 - 44 | 17 | 6 | 16 - 45 |
| Gastrointestinal Catastrophes | 2 | 0 | 2 - 89 | 5 | 40 | 9 - 80 |
| Infectious Disease | 6 | 67 | 11 - 77 | 10 | 50 | 13 - 70 |
| Metabolic/Electrolyte Disorders | 12 | 8 | 7 - 50 | 17 | 12 | 3 - 45 |
| Pulmonary Disease | 37 | 14 | 12 - 37 | 18 | 39 | 6 - 52 |
| Renal Failure | 1 | 0 | 0 - 99 | 4 | 25 | 8 - 85 |
| Severe Acute Heart Disease | 24 | 25 | 21 - 56 | 30 | 53 | 25 - 60 |
| Severe Chronic Heart Disease | 35 | 26 | 9 - 39 | 31 | 16 | 11 - 39 |
| Severe Trauma | 1 | 0 | 1 - 97 | 0 | - | - |
| Gastrointestinal Disease | 55 | 2 | 0 - 23 | 34 | 0 | 0 - 30 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Low-Risk Heart Disease | 85 | 2 | 1 - 11 | 92 | 1 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 40 | 0 | 0 - 15 | 35 | 3 | 0 - 30 |
| Neuropsychiatric/Sensory Disease | 12 | 0 | 0 - 97 | 19 | 0 | 0 - 75 |
| Urologic Disease | 20 | 0 | 0 - 48 | 12 | 0 | 0 - 69 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 52 |
| Occupancy Rate (%): | 54 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 52 |
| Percent of Physicians Who Are Board Certified Specialists: | 100 |
| Interns and Residents: | 0 |
| Registered Nurses: | 66 |
| Licensed Practical Nurses: | 13 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

AMI Visalia Community Hospital

September 27, 1988

Mrs. Sandra Kappert
Health Standards and Quality Bureau, HCFA
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, MD 21207

Dear Mrs. Kappert:

We have reviewed the Medicare Hospital Mortality information (1987). The mortality dates fall within the predicted ranges. It should be noted that the statistical samples for the individual diagnostic categories are small. When all cases are considered, the actual mortality rate is well within the predicted range.

We also agree with your statement:

> "In the public release of information, HCFA will stress that the information by itself is not a complete measure of the quality of care at an individual hospital. While we believe that information on hospital mortality rates is useful, until we have developed additional statistical measures to deal with complex issues such as severity of illness, we cannot and do not recommend the use of the information by itself to make judgements about the quality of care in an individual hospital or to make comparisons among hospitals. Individual hospitals may have very good reasons for their rates being higher than the ranges predicted by HCFA's model."

I look forward to the Department of Health and Human Services and providers continuing to search for ways to provide the consumer with meaningful information to assist in their decision, relative to their healthcare decision.

Sincerely,

Larry Andrews
Executive Director

LA/blp

1633 South Court Street, P.O. Box 911, Visalia, California 93279-0911 209 733-1333

## WARRACK MEDICAL CENTER HOSP

2449 SUMMERFIELD ROAD
SANTA ROSA, CA 95405

Medicare Hospital Provider Number: 050032

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 747 | 8 | 8 - 13 | 738 | 8 | 8 - 14 |
| Cancer | 16 | 44 | 20 - 67 | 9 | 33 | 16 - 73 |
| Cerebrovascular Accidents | 25 | 20 | 14 - 47 | 36 | 28 | 13 - 43 |
| Gastrointestinal Catastrophes | 5 | 40 | 9 - 80 | 9 | 22 | 11 - 66 |
| Infectious Disease | 4 | 0 | 6 - 71 | 7 | 14 | 13 - 70 |
| Metabolic/Electrolyte Disorders | 18 | 17 | 7 - 48 | 17 | 6 | 11 - 45 |
| Pulmonary Disease | 37 | 30 | 13 - 44 | 43 | 16 | 14 - 39 |
| Renal Failure | 3 | 0 | 17 - 92 | 4 | 50 | 13 - 92 |
| Severe Acute Heart Disease | 19 | 26 | 16 - 56 | 15 | 47 | 18 - 65 |
| Severe Chronic Heart Disease | 40 | 15 | 14 - 38 | 40 | 17 | 14 - 40 |
| Severe Trauma | 0 | - | - | 3 | 0 | 1 - 82 |
| Gastrointestinal Disease | 46 | 4 | 0 - 50 | 38 | 0 | 0 - 20 |
| Gynecologic Disease | 18 | 0 | 0 -100 | 22 | 0 | 0 -100 |
| Low-Risk Heart Disease | 51 | 4 | 1 - 20 | 51 | 0 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 75 | 3 | 0 - 16 | 74 | 3 | 0 - 16 |
| Neuropsychiatric/Sensory Disease | 66 | 3 | 0 - 27 | 62 | 3 | 0 - 36 |
| Urologic Disease | 57 | 0 | 0 - 24 | 49 | 0 | 0 - 14 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 79 |
| Occupancy Rate (%): | (not available) |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | (not available) |
| Burn Unit: | (not available) |
| Medical/Surgical Intensive Care: | (not available) |
| Cardiac Intensive Care: | (not available) |
| Organ Transplant Service: | (not available) |
| Hospice Care: | (not available) |

## WASHINGTON HOSP

2000 MOWRY AVE
FREMONT, CA 94538

Medicare Hospital Provider Number: 050195

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,987 | 13 | 10 - 15 | 1,780 | 15 | 11 - 16 |
| Cancer | 41 | 41 | 26 - 58 | 49 | 31 | 23 - 52 |
| Cerebrovascular Accidents | 71 | 34 | 18 - 41 | 88 | 32 | 17 - 38 |
| Gastrointestinal Catastrophes | 24 | 58 | 19 - 60 | 24 | 46 | 18 - 60 |
| Infectious Disease | 38 | 37 | 18 - 51 | 38 | 32 | 22 - 55 |
| Metabolic/Electrolyte Disorders | 41 | 27 | 13 - 46 | 35 | 40 | 16 - 51 |
| Pulmonary Disease | 146 | 25 | 17 - 35 | 117 | 32 | 18 - 38 |
| Renal Failure | 11 | 18 | 14 - 71 | 12 | 17 | 15 - 72 |
| Severe Acute Heart Disease | 63 | 40 | 27 - 52 | 81 | 44 | 28 - 51 |
| Severe Chronic Heart Disease | 125 | 20 | 15 - 30 | 100 | 33 | 16 - 36 |
| Severe Trauma | 4 | 75 | 7 - 82 | 3 | 33 | 5 - 87 |
| Gastrointestinal Disease | 153 | 4 | 1 - 9 | 119 | 4 | 1 - 11 |
| Gynecologic Disease | 20 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 331 | 4 | 2 - 7 | 260 | 3 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 159 | 2 | 1 - 7 | 136 | 4 | 0 - 12 |
| Neuropsychiatric/Sensory Disease | 29 | 3 | 0 - 84 | 40 | 5 | 0 - 28 |
| Urologic Disease | 63 | 0 | 0 - 19 | 55 | 5 | 0 - 58 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 213 |
| Occupancy Rate (%): | 66 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 177 |
| Percent of Physicians Who Are Board Certified Specialists: | 75 |
| Interns and Residents: | 0 |
| Registered Nurses: | 195 |
| Licensed Practical Nurses: | 14 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## WASHINGTON HOSPITAL

12101 W WASHINGTON BLVD
CULVER CITY, CA 90230

Medicare Hospital Provider Number: 050401

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 595 | 11 | 9 - 16 | 636 | 15 | 9 - 16 |
| Cancer | 26 | 42 | 22 - 61 | 20 | 45 | 17 - 60 |
| Cerebrovascular Accidents | 18 | 6 | 17 - 45 | 20 | 10 | 16 - 46 |
| Gastrointestinal Catastrophes | 6 | 33 | 9 - 76 | 7 | 43 | 10 - 74 |
| Infectious Disease | 4 | 25 | 5 - 80 | 15 | 53 | 19 - 68 |
| Metabolic/Electrolyte Disorders | 17 | 53 | 11 - 58 | 20 | 35 | 14 - 57 |
| Pulmonary Disease | 40 | 15 | 15 - 40 | 38 | 42 | 16 - 49 |
| Renal Failure | 4 | 0 | 9 - 77 | 0 | - | - |
| Severe Acute Heart Disease | 15 | 33 | 22 - 68 | 14 | 36 | 18 - 65 |
| Severe Chronic Heart Disease | 23 | 30 | 9 - 47 | 25 | 20 | 11 - 44 |
| Severe Trauma | 0 | - | - | 1 | 0 | 0 - 98 |
| Gastrointestinal Disease | 46 | 4 | 0 - 27 | 36 | 0 | 0 - 21 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Low-Risk Heart Disease | 49 | 0 | 0 - 12 | 52 | 4 | 0 - 20 |
| Musculoskeletal/Skin Conditions | 60 | 2 | 0 - 15 | 69 | 3 | 0 - 17 |
| Neuropsychiatric/Sensory Disease | 10 | 0 | 0 - 99 | 11 | 9 | 0 -100 |
| Urologic Disease | 39 | 0 | 0 - 47 | 35 | 3 | 0 - 94 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 77 |
| Occupancy Rate (%): | 48 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 126 |
| Percent of Physicians Who Are Board Certified Specialists: | 73 |
| Interns and Residents: | 0 |
| Registered Nurses: | 80 |
| Licensed Practical Nurses: | 11 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# WATSONVILLE COMMUNITY HOSPITAL

298 GREEN VALLEY RD
WATSONVILLE, CA 95076

Medicare Hospital Provider Number: 050194

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,168 | 13 | 11 - 16 | 1,138 | 11 | 10 - 15 |
| Cancer | 39 | 38 | 25 - 57 | 25 | 28 | 25 - 61 |
| Cerebrovascular Accidents | 43 | 28 | 15 - 43 | 46 | 43 | 13 - 42 |
| Gastrointestinal Catastrophes | 9 | 33 | 10 - 69 | 13 | 31 | 11 - 61 |
| Infectious Disease | 27 | 15 | 19 - 51 | 12 | 50 | 14 - 67 |
| Metabolic/Electrolyte Disorders | 26 | 27 | 10 - 48 | 28 | 29 | 8 - 46 |
| Pulmonary Disease | 113 | 27 | 18 - 37 | 94 | 21 | 19 - 39 |
| Renal Failure | 6 | 33 | 11 - 82 | 3 | 0 | 5 - 82 |
| Severe Acute Heart Disease | 49 | 43 | 28 - 56 | 50 | 40 | 26 - 54 |
| Severe Chronic Heart Disease | 76 | 17 | 13 - 32 | 47 | 19 | 12 - 36 |
| Severe Trauma | 5 | 20 | 4 - 75 | 3 | 0 | 1 - 85 |
| Gastrointestinal Disease | 94 | 2 | 1 - 10 | 64 | 0 | 1 - 9 |
| Gynecologic Disease | 20 | 0 | 0 -100 | 13 | 0 | 0 -100 |
| Low-Risk Heart Disease | 132 | 5 | 2 - 11 | 124 | 1 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 87 | 3 | 0 - 23 | 86 | 0 | 1 - 7 |
| Neuropsychiatric/Sensory Disease | 20 | 0 | 0 - 51 | 24 | 4 | 0 - 88 |
| Urologic Disease | 74 | 0 | 0 - 10 | 72 | 0 | 0 - 10 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 127 |
| Occupancy Rate (%): | 58 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 106 |
| Percent of Physicians Who Are Board Certified Specialists: | 78 |
| Interns and Residents: | 0 |
| Registered Nurses: | 95 |
| Licensed Practical Nurses: | 26 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## WEST COVINA HOSP

725 S ORANGE AVE
WEST COVINA, CA 91790

Medicare Hospital Provider Number: 050096

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 128 | 8 | 5 - 16 | 167 | 16 | 8 - 20 |
| Cancer | 4 | 0 | 11 - 75 | 4 | 50 | 8 - 84 |
| Cerebrovascular Accidents | 5 | 0 | 2 - 64 | 4 | 50 | 2 - 83 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 1 | 0 | 2 - 98 | 3 | 33 | 3 - 86 |
| Metabolic/Electrolyte Disorders | 1 | 0 | 0 - 98 | 6 | 33 | 2 - 75 |
| Pulmonary Disease | 9 | 44 | 4 - 66 | 20 | 60 | 12 - 54 |
| Renal Failure | 0 | - | - | 6 | 50 | 11 - 83 |
| Severe Acute Heart Disease | 2 | 0 | 2 - 88 | 3 | 33 | 7 - 88 |
| Severe Chronic Heart Disease | 6 | 17 | 2 - 71 | 4 | 0 | 2 - 72 |
| Severe Trauma | 0 | - | - | 1 | 0 | 1 - 97 |
| Gastrointestinal Disease | 8 | 0 | 0 -100 | 13 | 0 | 0 - 99 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 13 | 0 | 0 - 52 | 18 | 0 | 0 - 39 |
| Musculoskeletal/Skin Conditions | 7 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 12 | 0 | 0 - 98 | 6 | 0 | 0 - 99 |
| Urologic Disease | 6 | 0 | 0 -100 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1984

| | |
|---|---|
| Total Beds (#): | 60 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 64 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## WEST SIDE COMM HOSP

151 SOUTH HIGHWAY 33
NEWMAN, CA 95360

Medicare Hospital Provider Number: 050451

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 85 | 16 | 10 - 27 | 111 | 16 | 11 - 25 |
| Cancer | 4 | 100 | 15 - 78 | 2 | 100 | 4 - 89 |
| Cerebrovascular Accidents | 3 | 33 | 4 - 86 | 4 | 50 | 6 - 83 |
| Gastrointestinal Catastrophes | 0 | - | - | 0 | - | - |
| Infectious Disease | 0 | - | - | 2 | 50 | 5 - 93 |
| Metabolic/Electrolyte Disorders | 1 | 0 | 0 - 98 | 4 | 0 | 2 - 72 |
| Pulmonary Disease | 14 | 7 | 15 - 50 | 25 | 32 | 17 - 54 |
| Renal Failure | 1 | 100 | 1 - 97 | 0 | - | - |
| Severe Acute Heart Disease | 1 | 100 | 1 - 97 | 0 | - | - |
| Severe Chronic Heart Disease | 11 | 27 | 7 - 59 | 10 | 10 | 6 - 52 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 6 | 0 | 0 - 99 | 9 | 0 | 0 - 58 |
| Gynecologic Disease | 0 | - | - | 0 | - | - |
| Low-Risk Heart Disease | 13 | 0 | 0 - 64 | 17 | 6 | 0 - 55 |
| Musculoskeletal/Skin Conditions | 3 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 1 | 0 | 0 -100 |
| Urologic Disease | 0 | - | - | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 18 |
| Occupancy Rate (%): | 22 |
| Ownership/Control: | District/Authority |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 5 |
| Percent of Physicians Who Are Board Certified Specialists: | 60 |
| Interns and Residents: | 0 |
| Registered Nurses: | 4 |
| Licensed Practical Nurses: | 0 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## WEST SIDE DISTRICT HOSPITAL

110 EAST NORTH STREET
TAFT, CA 93268

Medicare Hospital Provider Number: 050379

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 134 | 16 | 7 - 21 | 143 | 17 | 11 - 24 |
| Cancer | 3 | 33 | 3 - 86 | 3 | 67 | 13 - 94 |
| Cerebrovascular Accidents | 3 | 67 | 4 - 86 | 8 | 50 | 7 - 69 |
| Gastrointestinal Catastrophes | 1 | 100 | 0 - 98 | 0 | - | - |
| Infectious Disease | 4 | 0 | 10 - 74 | 1 | 100 | 3 - 98 |
| Metabolic/Electrolyte Disorders | 5 | 40 | 9 - 80 | 9 | 44 | 6 - 67 |
| Pulmonary Disease | 15 | 27 | 7 - 53 | 21 | 10 | 10 - 41 |
| Renal Failure | 1 | 100 | 0 - 97 | 0 | - | - |
| Severe Acute Heart Disease | 1 | 0 | 1 - 97 | 6 | 50 | 9 - 77 |
| Severe Chronic Heart Disease | 11 | 45 | 8 - 63 | 13 | 0 | 17 - 44 |
| Severe Trauma | 1 | 0 | 0 - 99 | 2 | 0 | 1 - 89 |
| Gastrointestinal Disease | 9 | 11 | 0 - 82 | 10 | 10 | 0 - 96 |
| Gynecologic Disease | 0 | - | - | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 21 | 0 | 0 - 34 | 22 | 9 | 0 - 61 |
| Musculoskeletal/Skin Conditions | 8 | 0 | 0 -100 | 10 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 8 | 0 | 0 -100 | 0 | - | - |
| Urologic Disease | 7 | 14 | 0 -100 | 2 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 43
Occupancy Rate (%): 16
Ownership/Control: District/Authority

STAFFING

Total Number of Physicians: 10
Percent of Physicians Who Are Board Certified Specialists: 30
Interns and Residents: 0
Registered Nurses: 10
Licensed Practical Nurses: 5

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: No
Cardiac Intensive Care: No
Organ Transplant Service: No
Hospice Care: No

## WESTERN MEDICAL CENTER-SANTA ANA

1001 N TUSTIN AVENUE
SANTA ANA, CA 92705

Medicare Hospital Provider Number: 050065

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,653 | 13 | 10 - 14 | 1,864 | 15 | 11 - 15 |
| Cancer | 59 | 44 | 29 - 57 | 67 | 52 | 30 - 57 |
| Cerebrovascular Accidents | 46 | 28 | 16 - 43 | 70 | 31 | 17 - 40 |
| Gastrointestinal Catastrophes | 13 | 38 | 13 - 64 | 24 | 46 | 15 - 57 |
| Infectious Disease | 21 | 38 | 15 - 57 | 32 | 34 | 20 - 55 |
| Metabolic/Electrolyte Disorders | 20 | 15 | 11 - 48 | 29 | 31 | 14 - 51 |
| Pulmonary Disease | 82 | 35 | 20 - 43 | 89 | 42 | 19 - 42 |
| Renal Failure | 3 | 0 | 1 - 85 | 13 | 46 | 15 - 75 |
| Severe Acute Heart Disease | 54 | 48 | 26 - 54 | 80 | 42 | 28 - 52 |
| Severe Chronic Heart Disease | 92 | 28 | 14 - 34 | 99 | 25 | 15 - 34 |
| Severe Trauma | 9 | 33 | 10 - 69 | 5 | 60 | 4 - 78 |
| Gastrointestinal Disease | 98 | 6 | 1 - 14 | 80 | 11 | 1 - 22 |
| Gynecologic Disease | 14 | 0 | 0 -100 | 17 | 0 | 0 -100 |
| Low-Risk Heart Disease | 256 | 5 | 2 - 8 | 306 | 4 | 2 - 7 |
| Musculoskeletal/Skin Conditions | 125 | 4 | 1 - 10 | 124 | 4 | 1 - 11 |
| Neuropsychiatric/Sensory Disease | 103 | 7 | 0 - 19 | 109 | 3 | 0 - 12 |
| Urologic Disease | 66 | 0 | 0 - 11 | 74 | 1 | 0 - 16 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 327 |
| Occupancy Rate (%): | 54 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 317 |
| Percent of Physicians Who Are Board Certified Specialists: | 84 |
| Interns and Residents: | 0 |
| Registered Nurses: | 448 |
| Licensed Practical Nurses: | 43 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

WESTERN MEDICAL CENTER
1001 North Tustin Avenue, Santa Ana, CA 92705
(714) 953-3418

Wayne D. Schroeder
President/Executive Director

*October 20, 1988*

*Health Standards and Quality Bureau, HCFA*
*Attention: Mrs. Sandra Kappert*
*2-D-2 Meadows East Building*
*6235 Security Boulevard*
*Baltimore, Maryland 21207*

*RE: HCFA Release of Mortality Data*

*Dear Mrs. Kappert:*

*Western Medical Center, Santa Ana, is a 327 bed acute tertiary care nonprofit hospital, offering care in all specialities. As one of the few remaining designated Trauma Centers, Western Medical Center is committed to providing quality care that meets the needs of the community.*

*As a part of our overall quality assurance program, the members of our medical staff perform a comprehensive review of every patient who expires at our facility. Since receiving the mortality information report of 1987, we have elected to incorporate review of the deaths which occurred following discharge from our facility, as defined by HCFA within this report. We appreciate the opportunity to enhance our review process and are gratified to observe that Western Medical Center falls within the range for predicted mortality in all of the diagnostic categories listed.*

*A review of the hospital characteristics points out the need for clarification of several points:*

- *Total number of beds, including pediatric, obstetrical, ICU/CCU and general medical/surgical adult beds, is 327.*
- *Total number of physicians on the medical staff stands at 913, with 317 members designated as active and associate status. Within the latter staff category, 84% of the members are Board Certified Specialists.*

- Total Registered Nurses on staff number 497 (399 full time and 98 part time) Licensed Vocation Nurses number 51 on staff (36 full time and 15 part time).

Thank you for the opportunity to respond to HCFA's release of data.

Sincerely,

WESTERN MEDICAL CENTER

Wayne D. Schroeder
President

WDS/lks

## WESTERN MEDICAL CTR - ANAHEIM

1025 S ANAHEIM BLVD
ANAHEIM, CA 92805

Medicare Hospital Provider Number: 050594

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 496 | 11 | 8 - 14 | 460 | 12 | 7 - 14 |
| Cancer | 3 | 67 | 6 - 87 | 3 | 67 | 5 - 87 |
| Cerebrovascular Accidents | 7 | 43 | 8 - 72 | 22 | 50 | 15 - 56 |
| Gastrointestinal Catastrophes | 1 | 0 | 1 - 97 | 3 | 100 | 7 - 81 |
| Infectious Disease | 2 | 0 | 1 - 90 | 5 | 40 | 11 - 82 |
| Metabolic/Electrolyte Disorders | 6 | 33 | 1 - 77 | 7 | 0 | 1 - 58 |
| Pulmonary Disease | 10 | 30 | 7 - 62 | 14 | 14 | 8 - 49 |
| Renal Failure | 3 | 33 | 1 - 88 | 1 | 0 | 0 -100 |
| Severe Acute Heart Disease | 38 | 42 | 22 - 54 | 30 | 63 | 21 - 56 |
| Severe Chronic Heart Disease | 19 | 16 | 8 - 44 | 11 | 27 | 5 - 58 |
| Severe Trauma | 1 | 0 | 0 - 98 | 0 | - | - |
| Gastrointestinal Disease | 13 | 8 | 0 - 98 | 12 | 8 | 0 - 89 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 210 | 8 | 2 - 11 | 192 | 3 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 17 | 0 | 0 - 90 | 32 | 3 | 0 - 76 |
| Neuropsychiatric/Sensory Disease | 4 | 0 | 0 -100 | 8 | 0 | 0 -100 |
| Urologic Disease | 10 | 0 | 0 -100 | 5 | 0 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 206 |
| Occupancy Rate (%): | 49 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 334 |
| Percent of Physicians Who Are Board Certified Specialists: | 96 |
| Interns and Residents: | 1 |
| Registered Nurses: | 129 |
| Licensed Practical Nurses: | 45 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

WESTERN MEDICAL CENTER/ANAHEIM
1025 South Anaheim Boulevard, Anaheim, CA 92805
(714) 533-6220

October 20, 1988 Hospital ID# 050594

Health Standards & Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland 21207

RE: HCFA Release of Mortality Data

Dear Mrs. Kappert:

Western Medical Center/Anaheim is a 206 bed acute care non-profit hospital dedicated to meeting the health needs of our community. In addition to general medical care, Western Medical Center/Anaheim is known for its particular expertise in the areas of Interventional Cardiology & Cardiovascular Surgery, Acute Rehabilitation and multi-specialty Psychiatry.

The 1986 and 1987 mortality data to be released by HCFA in December has been reviewed by our Executive Director, Chief of Staff, Quality Assurance Committee, Director of Medical Records and Quality Assurance Coordinator. We feel the high quality care provided at Western Medical Center/Anaheim is reflected in the fact that our mortality rates fall within the range for predicted mortality in all 1987 categories. We note that the recalculation of 1986 data has produced a substantial shift in one category (GI Catastrophe), but as there were only 3 cases in this class the significance is questionable. It would have been helpful to have been provided with a 1986 patient listing based on the readjustments to allow the opportunity for specific analysis of each case.

A review of the hospital characteristics points out the need for correction in several areas:

- Total number of beds is 206. This includes a 12 bed combined Coronary Care/Intensive Care Unit, as well as Medical/Surgical, Acute Rehabilitation and Psychiatric beds.

- Total number on the Medical Staff is 326, with 122 designated as Active status. 75% of the Medical Staff members are Board Certified Specialists.

- Total Registered Nurses on staff number 166 (95 full time and 71 part time). Licensed Vocational Nurses on staff number 55 (34 full time and 21 part time).

The Medical Staff and Administration of Western Medical Center/Anaheim strive to ensure that each patient is treated with dignity and the highest quality of care through an organized hospital-wide Quality Assurance Program. As part of this program we will continue to review all mortality cases for quality and appropriateness of care rendered to the individual patient.

Thank you for the opportunity to review and comment on this mortality data prior to its publication.

Harmohinder Gogia
Harmohinder Gogia, M.D.
Chief of Staff

Carolyn Gillespie
Carolyn Gillespie
Executive Director

United Western Medical Centers. A nonprofit health-care corporation dedicated to community service.

## WESTERN PARK HOSPITAL MEDICAL CENTER

2231 S WESTERN AVE
LOS ANGELES, CA 90018

Medicare Hospital Provider Number: 050644

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 710 | 12 | 9 - 14 | 742 | 13 | 10 - 16 |
| Cancer | 11 | 55 | 18 - 72 | 17 | 24 | 21 - 62 |
| Cerebrovascular Accidents | 17 | 12 | 12 - 46 | 25 | 24 | 13 - 47 |
| Gastrointestinal Catastrophes | 10 | 40 | 10 - 67 | 11 | 45 | 8 - 64 |
| Infectious Disease | 28 | 54 | 19 - 57 | 27 | 67 | 35 - 73 |
| Metabolic/Electrolyte Disorders | 24 | 13 | 7 - 41 | 29 | 21 | 10 - 44 |
| Pulmonary Disease | 34 | 32 | 14 - 46 | 29 | 38 | 16 - 52 |
| Renal Failure | 5 | 20 | 8 - 80 | 7 | 14 | 8 - 73 |
| Severe Acute Heart Disease | 7 | 14 | 14 - 69 | 17 | 53 | 23 - 68 |
| Severe Chronic Heart Disease | 44 | 16 | 13 - 36 | 32 | 16 | 12 - 40 |
| Severe Trauma | 1 | 100 | 1 - 97 | 0 | - | - |
| Gastrointestinal Disease | 39 | 5 | 0 - 44 | 49 | 2 | 1 - 16 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 90 | 2 | 1 - 10 | 94 | 5 | 1 - 13 |
| Musculoskeletal/Skin Conditions | 72 | 1 | 1 - 11 | 74 | 0 | 1 - 8 |
| Neuropsychiatric/Sensory Disease | 22 | 0 | 0 - 89 | 20 | 15 | 0 -100 |
| Urologic Disease | 55 | 2 | 0 - 76 | 50 | 2 | 0 - 20 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 120 |
| Occupancy Rate (%): | 43 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## WESTLAKE COMMUNITY HOSPITAL

4415 S LAKEVIEW CANYON ROAD
WESTLAKE VILLAGE, CA 91361

Medicare Hospital Provider Number: 050593

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 477 | 12 | 9 - 16 | 495 | 9 | 9 - 15 |
| Cancer | 14 | 50 | 24 - 74 | 17 | 59 | 28 - 74 |
| Cerebrovascular Accidents | 20 | 15 | 12 - 46 | 13 | 46 | 9 - 60 |
| Gastrointestinal Catastrophes | 3 | 0 | 8 - 81 | 0 | - | - |
| Infectious Disease | 10 | 30 | 17 - 71 | 6 | 50 | 12 - 80 |
| Metabolic/Electrolyte Disorders | 15 | 13 | 7 - 49 | 16 | 19 | 5 - 50 |
| Pulmonary Disease | 37 | 16 | 11 - 37 | 26 | 8 | 14 - 40 |
| Renal Failure | 1 | 0 | 3 - 98 | 2 | 0 | 1 - 90 |
| Severe Acute Heart Disease | 17 | 47 | 20 - 65 | 12 | 0 | 19 - 49 |
| Severe Chronic Heart Disease | 21 | 43 | 9 - 51 | 20 | 15 | 13 - 47 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 32 | 6 | 0 - 37 | 27 | 4 | 0 - 49 |
| Gynecologic Disease | 7 | 0 | 0 -100 | 3 | 0 | 0 -100 |
| Low-Risk Heart Disease | 62 | 3 | 1 - 14 | 73 | 3 | 1 - 12 |
| Musculoskeletal/Skin Conditions | 41 | 0 | 0 - 22 | 52 | 4 | 0 - 34 |
| Neuropsychiatric/Sensory Disease | 16 | 0 | 0 - 92 | 14 | 0 | 0 - 91 |
| Urologic Disease | 27 | 0 | 0 - 63 | 22 | 5 | 0 - 73 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 98 |
| Occupancy Rate (%): | 44 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 178 |
| Percent of Physicians Who Are Board Certified Specialists: | 70 |
| Interns and Residents: | 0 |
| Registered Nurses: | 86 |
| Licensed Practical Nurses: | 4 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | Yes |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Westlake Community Hospital

Provider # 050593

October 21, 1988

William L. Roper, M.D.
Administrator
Department of Health and Human Services
Health Care Financing Administration
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

Dear Dr. Roper:

In response to the recent release of 1987 mortality statistics for Westlake Community Hospital, we are pleased to find that in all categories the hospital falls in the low range of their expected statistics.

With five categories having no deaths and two categories well below the entire predicted range we are very confident that the hospital is operating within significant quality controls.

A mention should be made for interpreting death statistics for certain defined categories such as cancer, cerebrovascular accidents, pulmonary disease and severe trauma. Please note the above categories include a large number of geriatric patients who tend to increase the mortality rate.

We feel no other clarification is necessary.

Sincerely,
Harry F. Adams

Harry F. Adams
Managing Director

HA:jp

4415 S. Lakeview Canyon Rd. • Westlake Village, CA 91361 • (818) 706-8000 • (805) 523-0462
Fully accredited by the Joint Commission on Accreditation of Hospitals

## WESTSIDE HOSPITAL

910 SFAIRFAX AVE
LOS ANGELES, CA 90036

Medicare Hospital Provider Number: 050328

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 653 | 19 | 13 - 20 | 652 | 16 | 12 - 18 |
| Cancer | 7 | 57 | 16 - 79 | 10 | 60 | 18 - 74 |
| Cerebrovascular Accidents | 27 | 30 | 13 - 48 | 30 | 43 | 17 - 52 |
| Gastrointestinal Catastrophes | 9 | 44 | 8 - 68 | 2 | 50 | 1 - 94 |
| Infectious Disease | 13 | 62 | 21 - 71 | 12 | 42 | 16 - 69 |
| Metabolic/Electrolyte Disorders | 15 | 13 | 7 - 49 | 13 | 15 | 7 - 53 |
| Pulmonary Disease | 48 | 52 | 20 - 50 | 46 | 33 | 20 - 49 |
| Renal Failure | 8 | 50 | 20 - 87 | 5 | 40 | 15 - 89 |
| Severe Acute Heart Disease | 28 | 57 | 28 - 64 | 23 | 70 | 30 - 68 |
| Severe Chronic Heart Disease | 57 | 23 | 13 - 37 | 49 | 20 | 16 - 40 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 24 | 0 | 2 - 20 | 27 | 4 | 0 - 40 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 6 | 17 | 0 -100 |
| Low-Risk Heart Disease | 69 | 1 | 1 - 11 | 71 | 4 | 1 - 15 |
| Musculoskeletal/Skin Conditions | 51 | 0 | 2 - 10 | 71 | 3 | 0 - 15 |
| Neuropsychiatric/Sensory Disease | 10 | 0 | 0 - 99 | 8 | 0 | 0 - 77 |
| Urologic Disease | 34 | 0 | 0 - 44 | 35 | 3 | 0 - 51 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 91 |
| Occupancy Rate (%): | 36 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

**Westside Hospital**

910 South Fairfax Avenue
Los Angeles, California 90036

213 938-3431

October 24, 1988

Health Care Financing Administration
Health Standards and Quality Bureau
Attention: Sandra Kappert
Meadows East Building, 2 - D - 2
6325 Security Boulevard
Baltimore, Maryland 21207

To Whom It May Concern:

The information that follows for Westside Hospital is to be attached to the hospital specific report for the period of January 1, 1987, to December 31, 1987, prior to public disclosure.

Westside Hospital is a 91 bed acute care facility that cares for a case mix that includes major medical and surgical illnesses. We provide a full array of services that include emergency care, immunosuppressed treatment, extensive diagnostic imaging as well as general medicine and surgery.

The Westside Hospital Medical Staff conducts a review of the medical data of all patients that expire at this facility, to insure quality medical management and overall care. Mortality review is an ongoing process of the medical staff and the Quality Assurance Program.

The hospital's specific mortality data as reported by HCFA has been reviewed by: the Medical Chief of Staff, Physician Chairman of the Utilization Review Committee, Hospital Administration and the Director of Medical Records. Upon review, it was noted that of the 17 diagnostic categories reported by HCFA, Westside Hospital was within the predicted mortality range in 16 categories. In the category of pulmonary disease, a 2% deviation from the predicted mortality range was noted. Careful review of the patient population in this diagnostic category reveals that the patients presenting to Westside Hospital were excessively over-represented in the 75+ year old age group with multiple other medical problems. These

A MEMBER OF
**EPIC** HEALTHCARE GROUP

problems include lymphoma, acute renal failure, septic shock, massive gastrointestinal bleeding and severe cardiac diagnoses including cardiac arrest. The expected morbidity of this particular population of patients is well in excess of the national medical averages for the usual Medicare age group as represented in the mortality data.

Thank you for the opportunity to demonstrate our commitment to provide the highest quality of care.

Sincerely,

Oneal Atkinson
Executive Director
Westside Hospital

OA/bc

## WHEELER HOSP

651 6TH ST
GILROY, CA 95020

Medicare Hospital Provider Number: 050372

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 619 | 12 | 10 - 16 | 552 | 12 | 10 - 17 |
| Cancer | 10 | 60 | 22 - 78 | 12 | 67 | 18 - 69 |
| Cerebrovascular Accidents | 23 | 35 | 12 - 50 | 20 | 50 | 11 - 54 |
| Gastrointestinal Catastrophes | 6 | 17 | 8 - 71 | 5 | 20 | 8 - 76 |
| Infectious Disease | 10 | 10 | 10 - 57 | 6 | 0 | 12 - 63 |
| Metabolic/Electrolyte Disorders | 18 | 6 | 9 - 41 | 17 | 6 | 11 - 44 |
| Pulmonary Disease | 57 | 19 | 15 - 38 | 48 | 19 | 16 - 41 |
| Renal Failure | 1 | 100 | 3 - 98 | 2 | 100 | 11 - 96 |
| Severe Acute Heart Disease | 27 | 52 | 24 - 61 | 32 | 44 | 22 - 57 |
| Severe Chronic Heart Disease | 31 | 29 | 11 - 43 | 28 | 25 | 11 - 44 |
| Severe Trauma | 0 | - | - | 3 | 0 | 2 - 80 |
| Gastrointestinal Disease | 41 | 0 | 1 - 13 | 40 | 2 | 0 - 24 |
| Gynecologic Disease | 4 | 0 | 0 -100 | 4 | 0 | 0 -100 |
| Low-Risk Heart Disease | 92 | 1 | 1 - 8 | 86 | 2 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 50 | 2 | 1 - 16 | 33 | 0 | 1 - 17 |
| Neuropsychiatric/Sensory Disease | 2 | 0 | 0 -100 | 7 | 0 | 0 - 64 |
| Urologic Disease | 22 | 0 | 0 - 47 | 26 | 4 | 0 - 82 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 56 |
| Occupancy Rate (%): | 50 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 42 |
| Percent of Physicians Who Are Board Certified Specialists: | 86 |
| Interns and Residents: | 0 |
| Registered Nurses: | 52 |
| Licensed Practical Nurses: | 14 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## WHITE MEMORIAL MEDICAL CENTER

1720 BROOKLYN AVE
LOS ANGELES, CA 90033

Medicare Hospital Provider Number: 050103

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,327 | 13 | 12 - 17 | 1,459 | 11 | 11 - 16 |
| Cancer | 47 | 47 | 31 - 61 | 53 | 40 | 29 - 58 |
| Cerebrovascular Accidents | 37 | 27 | 15 - 45 | 58 | 17 | 17 - 38 |
| Gastrointestinal Catastrophes | 26 | 31 | 22 - 60 | 13 | 8 | 20 - 60 |
| Infectious Disease | 15 | 47 | 19 - 67 | 30 | 43 | 21 - 58 |
| Metabolic/Electrolyte Disorders | 14 | 0 | 15 - 46 | 20 | 15 | 7 - 45 |
| Pulmonary Disease | 68 | 32 | 21 - 45 | 63 | 22 | 18 - 42 |
| Renal Failure | 9 | 22 | 7 - 70 | 13 | 15 | 21 - 76 |
| Severe Acute Heart Disease | 51 | 47 | 28 - 56 | 55 | 51 | 31 - 58 |
| Severe Chronic Heart Disease | 97 | 19 | 18 - 35 | 101 | 16 | 17 - 34 |
| Severe Trauma | 0 | - | - | 3 | 33 | 1 - 89 |
| Gastrointestinal Disease | 67 | 6 | 1 - 19 | 53 | 2 | 1 - 15 |
| Gynecologic Disease | 12 | 0 | 0 -100 | 11 | 0 | 0 - 92 |
| Low-Risk Heart Disease | 164 | 6 | 1 - 10 | 203 | 4 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 103 | 4 | 0 - 17 | 93 | 2 | 0 - 11 |
| Neuropsychiatric/Sensory Disease | 44 | 2 | 0 - 26 | 83 | 1 | 0 - 10 |
| Urologic Disease | 59 | 2 | 0 - 18 | 52 | 2 | 0 - 39 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

Total Beds (#): 248
Occupancy Rate (%): 72
Ownership/Control: Church

STAFFING

Total Number of Physicians: 156
Percent of Physicians Who Are Board Certified Specialists: 74
Interns and Residents: 0
Registered Nurses: 246
Licensed Practical Nurses: 56

SPECIALTY SERVICES

Shock/Trauma Unit: No
Burn Unit: No
Medical/Surgical Intensive Care: Yes
Cardiac Intensive Care: Yes
Organ Transplant Service: No
Hospice Care: No

**White Memorial Medical Center**

October 17, 1988

William L. Roper, M.D.
Administration
Health Care Financing Administration
Health Standards and Quality Bureau
Meadows East Building, 2-D-2
6325 Security Boulevard
Baltimore, Maryland 21207

**ATTN:** Sandra Kappert

**RE:** Mortality Data

Dear Mr. Roper,

We have reviewed the mortality report of our institution and we have no concerns about the publication of the diagnostic category. It is assumed that the recipients of the data would receive and/or have adequate understanding of the information to realize that you can not extrapolate from a limited data source, any conclusions about the quality of care provided by this hospital and its medical staff.

We have noted one major error in the hospital characteristics listed in your report. Our facility is licensed for 377 beds. This will change most of the other data reported. Our occupancy rate is 49.6%. We have 327 physicians on staff, 68% are board certified specialists. Per hospital bed we have .20% Interns and Residents, 0.90% full time Registered Nurses and 0.20% Licensed Practical Nurses.

Should you decide to release information different from what we have received from your office we would appreciate the opportunity to discuss this with you.

Sincerely,

Harvey Rudisaile,
President
Administration

**cc:** Alan Rice
Lusie Urbanczyk

1720 Brooklyn Avenue / Los Angeles, California 90033-2481 / (213) 268-5000

## WHITTIER HOSP
15151 JANINE DR
WHITTIER, CA 90605

Medicare Hospital Provider Number: 050175

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 899 | 18 | 11 - 17 | 1,186 | 15 | 10 - 16 |
| Cancer | 31 | 61 | 24 - 59 | 26 | 42 | 22 - 61 |
| Cerebrovascular Accidents | 34 | 44 | 14 - 47 | 38 | 32 | 16 - 46 |
| Gastrointestinal Catastrophes | 7 | 29 | 9 - 72 | 14 | 36 | 11 - 61 |
| Infectious Disease | 24 | 38 | 20 - 60 | 29 | 31 | 22 - 58 |
| Metabolic/Electrolyte Disorders | 26 | 38 | 8 - 49 | 29 | 38 | 8 - 47 |
| Pulmonary Disease | 81 | 32 | 19 - 42 | 73 | 41 | 18 - 43 |
| Renal Failure | 5 | 80 | 8 - 80 | 7 | 29 | 11 - 78 |
| Severe Acute Heart Disease | 23 | 52 | 26 - 66 | 31 | 65 | 27 - 61 |
| Severe Chronic Heart Disease | 50 | 26 | 11 - 37 | 69 | 25 | 15 - 37 |
| Severe Trauma | 3 | 0 | 6 - 80 | 2 | 0 | 2 - 89 |
| Gastrointestinal Disease | 63 | 2 | 1 - 13 | 86 | 1 | 1 - 9 |
| Gynecologic Disease | 11 | 9 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 110 | 2 | 1 - 8 | 140 | 2 | 2 - 8 |
| Musculoskeletal/Skin Conditions | 72 | 1 | 0 - 18 | 107 | 2 | 0 - 10 |
| Neuropsychiatric/Sensory Disease | 13 | 8 | 0 -100 | 15 | 0 | 0 - 94 |
| Urologic Disease | 21 | 10 | 0 - 99 | 38 | 3 | 0 - 23 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: HCFA 1983

| | |
|---|---|
| Total Beds (#): | 179 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Interns and Residents: | 0 |
| Registered Nurses: | 107 |
| Licensed Practical Nurses: | 38 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

Summit Health Ltd.
**WHITTIER HOSPITAL MEDICAL CENTER**
15151 Janine Drive • Whittier, California 90605 • (213) 945-3561

September 26, 1988

Health Standards and Quality Bureau, HCFA
Attention: Mrs. Sandra Kappert
2-D-2 Meadows East Building
6325 Security Boulevard
Baltimore, Maryland, 21207

Re: Mortality Statistics: 1987 Medicare Patients
Medicare Provider #05175

Gentlemen:

Thank you for this opportunity to respond to the recently released 1987 Medicare Mortality Information for Whittier Hospital Medical Center. The medical staff and employees of Whittier Hospital Medical Center have always provided optimal patient care. Our review of this report confirms the effectiveness of our Quality Assurance program and the Medical staff review process.

In the categories of Cerebrovascular Accidents and Renal Failure, this facility was within our acceptable statistical range, but we chose to re-review those charts on an individual basis. In the category of Cancer, this facility was two (2) percentiles higher than our statistical range and because of that, we chose to include this disease process in our study.

Based upon our comprehensive review of this data and of the specific medical records utilized in these statistics, we at Whittier Hospital Medical Center are confident that you and any member of the public will be interested in our summary report.

1. Cancer

   a. This represents 16 deaths in a 12 month period of time.
   b. There were 6 "no codes", with family requests for no life sustaining measures due to the severity of the illness and the responsiveness of the patient.
   c. The average age was 73.5.
   d. The Average Length of Stay was 9.2 which indicates that these patients were in the last stages of this catastrophic disease.

2. Cerebrovascular Accidents

    a. This represents 10 patients that expired within a 12 month period of time.
    b. All 34 patients had multiple serious diagnoses with an average of four additional diagnoses.
    c. The average age was 76.5.
    d. The Average Length of Stay was 7.2 days which indicates the severity of illness of this disease process.

3. Renal Failure

    a. This represents 2 patients that expired within a 12 month period of time.
    b. All 5 patients had been seriously ill for a long period of time with an average of 5.2 additional disease complications.
    c. The Average Length of Stay was 8.4 days.
    d. Two patients came from extended care facilities.

Based upon our review of this data, Whittier Hospital Medical Center has taken the following steps:

*We have shared significant findings with the Medical Staff for educational purposes.

*On an on-going basis, our medical staff, through our committees, have always reviewed each mortality in our facility. These important committes will continue to review all mortalities that are included in your data so that we can be prepared in responding to requests for information.

In conclusion, quality of care is given the highest priority at Whittier Hospital Medical Center. Through our Quality Assurance program, all aspects of patient care will continue to be judiciously monitored to ensure the highest standards of individual care.

If you have any questions regarding this information, please feel free to contact me.

Sincerely,

Thomas A. Salerno
Executive Director

Lynn E. Wilson, M.D.
Chief of Staff

TAS:bdr

## WOODLAND MEM HOSP

1325 COTTONWOOD STREET
WOODLAND, CA 95695

Medicare Hospital Provider Number: 050127

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 1,303 | 13 | 10 - 15 | 1,322 | 13 | 10 - 15 |
| Cancer | 82 | 50 | 26 - 52 | 51 | 47 | 25 - 55 |
| Cerebrovascular Accidents | 30 | 40 | 12 - 47 | 61 | 30 | 16 - 41 |
| Gastrointestinal Catastrophes | 8 | 38 | 7 - 69 | 16 | 25 | 16 - 60 |
| Infectious Disease | 20 | 35 | 15 - 57 | 20 | 45 | 15 - 59 |
| Metabolic/Electrolyte Disorders | 17 | 29 | 9 - 55 | 18 | 11 | 8 - 45 |
| Pulmonary Disease | 95 | 25 | 16 - 36 | 68 | 31 | 16 - 40 |
| Renal Failure | 1 | 0 | 1 - 97 | 3 | 67 | 11 - 93 |
| Severe Acute Heart Disease | 50 | 32 | 26 - 53 | 54 | 33 | 27 - 53 |
| Severe Chronic Heart Disease | 57 | 35 | 15 - 40 | 56 | 21 | 13 - 36 |
| Severe Trauma | 4 | 50 | 6 - 83 | 1 | 0 | 2 - 97 |
| Gastrointestinal Disease | 71 | 3 | 0 - 14 | 81 | 0 | 2 - 7 |
| Gynecologic Disease | 15 | 0 | 0 -100 | 16 | 0 | 0 -100 |
| Low-Risk Heart Disease | 116 | 2 | 1 - 8 | 152 | 3 | 1 - 8 |
| Musculoskeletal/Skin Conditions | 95 | 4 | 0 - 14 | 103 | 3 | 0 - 13 |
| Neuropsychiatric/Sensory Disease | 75 | 0 | 0 - 11 | 72 | 4 | 0 - 39 |
| Urologic Disease | 81 | 0 | 0 - 12 | 68 | 4 | 0 - 37 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 122 |
| Occupancy Rate (%): | 59 |
| Ownership/Control: | Private, Non-profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 126 |
| Percent of Physicians Who Are Board Certified Specialists: | 89 |
| Interns and Residents: | 0 |
| Registered Nurses: | 147 |
| Licensed Practical Nurses: | 10 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## WOODRUFF COMMUNITY HOSP INC

3800 WOODRUFF AVENUE
LONG BEACH, CA 90808

Medicare Hospital Provider Number: 050021

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 484 | 14 | 10 - 17 | 454 | 13 | 10 - 17 |
| Cancer | 13 | 54 | 17 - 68 | 16 | 25 | 24 - 68 |
| Cerebrovascular Accidents | 9 | 33 | 13 - 69 | 12 | 17 | 11 - 56 |
| Gastrointestinal Catastrophes | 3 | 0 | 5 - 79 | 7 | 29 | 5 - 69 |
| Infectious Disease | 9 | 67 | 15 - 73 | 6 | 50 | 6 - 75 |
| Metabolic/Electrolyte Disorders | 10 | 20 | 15 - 66 | 2 | 0 | 0 - 97 |
| Pulmonary Disease | 49 | 35 | 16 - 44 | 47 | 34 | 16 - 44 |
| Renal Failure | 4 | 25 | 7 - 84 | 5 | 20 | 14 - 85 |
| Severe Acute Heart Disease | 11 | 18 | 17 - 64 | 11 | 36 | 23 - 75 |
| Severe Chronic Heart Disease | 22 | 14 | 11 - 43 | 20 | 30 | 8 - 49 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 18 | 0 | 0 - 66 | 29 | 10 | 0 - 77 |
| Gynecologic Disease | 3 | 0 | 0 -100 | 6 | 0 | 0 -100 |
| Low-Risk Heart Disease | 72 | 3 | 1 - 13 | 51 | 0 | 1 - 10 |
| Musculoskeletal/Skin Conditions | 39 | 3 | 0 - 27 | 49 | 0 | 0 - 19 |
| Neuropsychiatric/Sensory Disease | 9 | 0 | 0 -100 | 5 | 0 | 0 -100 |
| Urologic Disease | 40 | 0 | 0 - 28 | 26 | 0 | 0 - 33 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 74 |
| Occupancy Rate (%): | 42 |
| Ownership/Control: | Private, For Profit |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | 48 |
| Percent of Physicians Who Are Board Certified Specialists: | 50 |
| Interns and Residents: | 0 |
| Registered Nurses: | 47 |
| Licensed Practical Nurses: | 7 |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | Yes |
| Cardiac Intensive Care: | Yes |
| Organ Transplant Service: | No |
| Hospice Care: | No |

## YOLO GEN HOSP

170 W BEAMER ST
WOODLAND, CA 95695

Medicare Hospital Provider Number: 050166

| Diagnostic Category | Calender Year 1987 | | | Calender Year 1986 | | |
|---|---|---|---|---|---|---|
| | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) | Cases | Actual Mortality Rate (%) | Range For Predicted Mortality (%) |
| All Cases | 124 | 15 | 5 - 19 | 111 | 15 | 6 - 20 |
| Cancer | 2 | 50 | 4 - 92 | 5 | 60 | 12 - 83 |
| Cerebrovascular Accidents | 3 | 0 | 4 - 79 | 3 | 0 | 2 - 79 |
| Gastrointestinal Catastrophes | 1 | 100 | 0 - 99 | 3 | 33 | 1 - 87 |
| Infectious Disease | 1 | 100 | 0 - 99 | 0 | - | - |
| Metabolic/Electrolyte Disorders | 8 | 13 | 4 - 60 | 8 | 0 | 11 - 53 |
| Pulmonary Disease | 13 | 38 | 4 - 58 | 8 | 38 | 4 - 67 |
| Renal Failure | 0 | - | - | 0 | - | - |
| Severe Acute Heart Disease | 1 | 0 | 1 - 97 | 4 | 50 | 3 - 82 |
| Severe Chronic Heart Disease | 4 | 50 | 2 - 83 | 3 | 100 | 1 - 85 |
| Severe Trauma | 0 | - | - | 0 | - | - |
| Gastrointestinal Disease | 7 | 0 | 0 - 98 | 3 | 0 | 0 -100 |
| Gynecologic Disease | 1 | 0 | 0 -100 | 0 | - | - |
| Low-Risk Heart Disease | 18 | 6 | 0 - 78 | 16 | 0 | 0 - 62 |
| Musculoskeletal/Skin Conditions | 16 | 0 | 0 -100 | 12 | 0 | 0 -100 |
| Neuropsychiatric/Sensory Disease | 1 | 0 | 0 -100 | 9 | 0 | 0 -100 |
| Urologic Disease | 4 | 25 | 0 -100 | 5 | 20 | 0 -100 |

## HOSPITAL CHARACTERISTICS

SURVEY AND YEAR: AHA 1987

| | |
|---|---|
| Total Beds (#): | 118 |
| Occupancy Rate (%): | 69 |
| Ownership/Control: | Local Government |

STAFFING

| | |
|---|---|
| Total Number of Physicians: | (not available) |
| Percent of Physicians Who Are Board Certified Specialists: | (not available) |
| Interns and Residents: | (not available) |
| Registered Nurses: | (not available) |
| Licensed Practical Nurses: | (not available) |

SPECIALTY SERVICES

| | |
|---|---|
| Shock/Trauma Unit: | No |
| Burn Unit: | No |
| Medical/Surgical Intensive Care: | No |
| Cardiac Intensive Care: | No |
| Organ Transplant Service: | No |
| Hospice Care: | No |

# Technical Appendix

# TECHNICAL APPENDIX

## METHODOLOGY

### The Data Base

The data that are analyzed in this report are drawn from the MEDPAR file, which is assembled and updated quarterly by the Bureau of Data Management and Strategy in HCFA. This file is constructed from information on hospitalizations submitted to HCFA by hospitals through fiscal intermediaries. Data obtained from the Social Security Administration also contribute to the file. The data include the age, sex and date of death of each Medicare beneficiary. Because each beneficiary is assigned a unique health insurance claim number, it is possible to link hospitalizations longitudinally. Prior hospitalizations and readmissions can be found, as well as the date of death, whenever and wherever it occurred.

The hospitalizations in this file are segregated by the year of discharge. The data used in these analyses were drawn from the 1985, 1986 and 1987 discharges. The update cycles used for these years were 12/31/87, 6/10/88 and 6/10/88, respectively.

The process of data management consisted of selecting discharges from acute-care hospitals, calculating analytical variables that required data from prior hospitalizations and selecting the last discharge for each beneficiary for 1986 and 1987. The following rules were used to select discharges from acute-care hospitals:

1) Include only discharges from short-term (general and specialty) hospitals. These hospitals have a 0 in the third position of their "provider number."

2) Exclude discharges from psychiatric units, rehabilitation units, swing-beds and alcohol/drug units. These records have "provider codes" of S, T, U and V, respectively.

3) Exclude discharges from special cost centers. These are designated by a 9 in the fourth position of the "provider number."

4) Exclude discharges where the date of death precedes the date of admission, because these are obvious data errors.

Variables dependent on data from prior hospitalizations were calculated as follows:

1) For each beneficiary, sort the discharges in descending order by "discharge date" and "admission date" and stack the discharges for the current and prior years.

2) For the last discharge in the current year, determine whether the beneficiary at admission was transfered from another hospital. Operationally, the "discharge destination" for the prior discharge must be coded as a discharge to a short-term hospital, and the "discharge date" for the prior discharge must be no more than one day prior to the "admission date" for the last discharge.

3) For each discharge, use the principal diagnosis (the first "diagnostic code") to determine the diagnostic category as defined in Table 2 of the Introduction. Diagnoses that are not listed in this table are placed in a residual category of intermediate risk.

4) For the last discharge of the current year, count the number of admissions by diagnostic category that occurred within the 182 days prior to the admission date for this discharge.

Subsequently, the last discharges for 1986 and 1987 were selected and segregated by diagnostic categories into separate files for analysis. Only hospitals that had discharges in 1987 were considered for publication. Canadian and emergency hospitals were excluded. Six other hospitals were excluded because they terminated operations prior to 1987 or because their "provider number" was invalid.

## Mortality Rates

In this project, the definition of mortality used to calculate mortality rates was death within 30 days of admission. The choice of a fixed period of 30 days after admission avoids biases that might occur if in-hospital deaths only were counted. Sufficient followup is available to permit complete estimation of mortality rates based upon this choice. Choosing a specific discharge avoids multiple counts of the same death. The last discharge for the year is biased to higher short-term risk.

## Diagnostic Categories

Lists of the ICD-9-CM codes included in each diagnostic category are found in Table 2 of the Introduction to this report. The lists were constructed to represent diagnostic categories that are medically coherent and rather homogeneous with respect to risk of death.

Grouping was performed by combining clinically related diagnostic clusters when associated mortality rates were similar to one another. For each primary diagnosis, these rates were calculated from the 5% random sample of Medicare discharges for 1985 and 1986. For instance, Klebsiella pneumonia (482.0, 1385 patients, observed mortality = 24.3%) and Pseudomonas pneumonia (482.1, 1416 patients, observed mortality = 25.2%) were combined in the Pulmonary Disease category, as were subarachnoid hemorrhage (430, 525 patients, observed mortality = 47.8%) and intracerebral hemorrhage (431, 2883 patients, observed mortality = 42.9%), in the Cerebrovascular Accidents category.

These aggregations are generally analogous to the categories used in the 1987 analysis, but are more risk-homogeneous. In some cases, risk categories were expanded to incorporate a broader range of related conditions associated with similar risks of subsequent mortality, such as expanding ophthalmology to include psychiatric and other sensory system disorders or expanding low risk orthopedic conditions to include low risk dermatologic and muscular disorders.

In other instances, conditions were transferred to new categories based on empirical evidence that associated mortality rates were higher or lower than previously anticipated. For example, cancer of the salivary gland, gums, mouth, and oropharynx (142-146, observed mortality = 8.8%) was moved from high risk cancer to the intermediate risk category (average mortality = 8.5%), paroxysmal ventricular tachycardia (427.1, observed mortality 8.9%) was moved from the severe acute heart disease to the intermediate risk category, acute and chronic gastric ulcers with perforation, with and without hemorrhage (531.1, 531.2, 531.5, 531.6, observed mortality = 21.8%) was moved from low risk GI disease to GI catastrophe, pneumonia due to H. influenzae (482.2, observed mortality = 8.6%) was moved from high risk pulmonary to the intermediate risk category, fracture of the femur (820, 821, observed mortality = 6.1%) was moved from high risk trauma to the intermediate risk category, and chronic glomerulonephritis and other nephritis and nephropathy (582, 583, observed mortality 2.2%) was moved from high risk renal to low risk urologic disease. The new categories were reviewed for clinical and coding consistency and face validity, and final adjustments were made. Final adjustments included combining myocardial infarctions in a single risk group since coding variations among institutions made separation into different categories problematic, and removing italicized ICD-9-CM diagnoses from named risk groups since they are not valid principal diagnoses.

### Demographic Variables

As in 1987, age and sex variables were used to characterize each patient. The sex variable is an indicator variable, as shown in Table 1. The patient's age was expressed in the 1987 Mortality Release by indicator variables in six categories, 65, 65-69, 70-74, 75-79, 80-84, and 85. For the 1988 Mortality Release, the age relative to 65 years and the square of this variable, as shown in Table 1, replaced the categorical age variables.

## Comorbidity Variables

As in 1987, the secondary diagnoses (0-4 in number, "diagnostic codes" 2-5) were used to construct variables indicating the presence of comorbidities. The eight comorbidity indicator variables used in the analyses are: diabetes (DI), chronic pulmonary disease (OP), cancer (CA), chronic liver disease (LV), chronic renal disease (RN), cerebral vascular degeneration or chronic psychosis (CE), hypertensive disease (HY) and chronic cardiovascular disease (CV). The ICD-9-CM codes defining these variables are the same as were used in 1987 and are listed in Table 3 of the Introduction.

## Prior History Variables

In the 1987 Mortality Release, the number of prior admissions was not based on a fixed interval of time prior to the admission date for the last discharge of the year, but included only prior admissions with discharges in the same calendar year (1986). Also all admissions were counted without any distinction among the risks associated with various prior admissions. In the 1988 Mortality Release, prior admissions are counted for a fixed interval of six months prior to the admission date for the last discharge of the year, and separate counts of prior admissions are made for three risk levels. They are admissions with high, low and intermediate risk. In Table 2 of the Introduction, diagnostic categories are defined as high risk or low risk. The intermediate risk category is composed of ICD-9-CM codes not listed in that table. Indicator variables are defined for the high risk category, as shown in Table 1, as PH1 if there was one prior high risk admission, PH2 if there were two and PH3M if there were three or more. Similar variables are defined for low risk (PL1, PL2, PL3M) and intermediate risk (PU1, PU2, PU3M) admissions. The indicator variable TRIN records whether or not the patient was transfered into the hospital from another acute-care hospital.

## Analytic Techniques

The principal analytic tool was logistic regression (see, for example, Cox (1970)). Because the diagnostic categories are mutually exclusive, the analyses to ascertain the influence of patient characteristics (demographics, comorbidities and prior histories) were carried out separately for each category.

The probability $\pi$ that a patient dies within 30 days of admission depends on the patient's characteristics $x_i$. Table 1 lists the covariates used in the logistic model for this year's analysis. Generally the same variables were used across all diagnostic categories. There are some exceptions. For example, the variable sex is not included as a covariate in the analyses for the diagnostic category gynecologic disease. In all other cases, the model is the same, with the occasional omission of one or more variables because of estimation difficulties (See Tables 2 and 3).

The dependence of $\pi$ on these variables is specified by a logistic model:

$$\log \ (\pi/(1-\pi)) = \Sigma_i \beta_i x_i.$$

The regression coefficients $\beta_i$ are estimated by the method of maximum likelihood. It is possible then to estimate the probability of dying for a patient from his or her characteristics $x_i$. By averaging over all the patients for whom treatment in a given hospital is being evaluated, the estimated mortality rate for that hospital is found. This analysis is carried out for each individual diagnostic category (the 16 explicitly defined categories as well as the residual category). The coefficients for each diagnostic category are shown in Table 2 for the 1987 data and in Table 3 for the 1986 data. Blank spaces in these tables mean that the corresponding variables were not used in the model. This is the same as fixing the parameter estimates for the unused variables at zero. Calculations were performed using the SAS procedure LOGIST as described by the SAS Institute (1986).

In addition to the estimates of regression coefficients for the logistic regression model, Tables 2 and 3 also display the model chi-square, based on the likelihood ratio, the number of cases and the number of deaths, for each of the diagnostic categories. The model chi-square has 22 degrees of freedom in most cases. The exceptions occur when one or more variables are removed from the model. In these cases, the degrees of freedom are reduced by one for each variable removed from the model. In all cases, the model chi-square is highly significant ($P < 0.001$). Note that the coefficients from 1987 and 1986 data are generally similar, as can be seen clearly in Table 4. The major differences occur in low risk categories or when there are only a few cases associated with the variable. In these situations, the parameter estimates are less stable. For example, there are relatively few cases associated with the variables for three or more prior admissions within six months. The regression coefficients in Tables 2 and 3 were used to estimate the probability of death within 30 days of the last admission in 1987 or 1986 for a 1987 "average case" for each of the diagnostic categories, as shown in Table 4. The "average case" is a hypothetical "patient" whose characteristics correspond to average values of each variable within a diagnostic category. The mortality rate for this 1987 "average case" using the 1986 and 1987 coefficients is displayed in Table 4 along with the average observed mortality rate. Note the similarity of the data for 1986 and 1987. Note also that the average observed and the average predicted mortality rates must be equal, but that the predicted mortality rate for the "average case" differs from them somewhat because of the inverse logit transformation that is needed to convert the sum of the products of the average values of the variables and the regression coefficients to a probability of dying. Since there is no way to know that a given admission will result in the last discharge of the year, these equations generally should not be used for predicting the outcome for individual cases.

The second quantity required of the analyses was an estimate of the uncertainty in the mortality rate expressed as a range of predicted rates encompassing a specified proportion (95%) of the probable values. For this it is necessary to compute the variance of the probability of death at a given hospital.

There are two components of variance included in our calculation of the range of mortality for a hospital. The first is the sampling variance, which is estimated by:

$SV_j = B_j(1-B_j) / N_j$,

where

$B_j = (N_j p_j + 1) / (N_j + 2)$,

and $p_j$ is the observed proportion of persons who had died among the $N_j$ persons at risk, within a specified diagnostic category (or overall). $B_j$ is a Bayesian estimate of the probability of dying.

The second component arises from the systematic differences among hospitals in the identified factors included in the logistic model. This contribution to the variance is estimated by:

$IHV_j = (1-(1/N_j))\ V$

where V, the inter-hospital variance, is

$V = \Sigma_j\ (P_j - \bar{P})^2\ (N_j / N_t)$.

$P_j$ is the predicted mortality rate and $N_j$ is the number of cases at risk at hospital j. $N_t = \Sigma_j N_j$ is the total number of cases at risk and $\bar{P} = (\Sigma_j N_j P_j) / N_t$ is the average mortality rate, in the category under consideration. To see how this formula arises, consider the basic identity (Kendall, Stuart and Ord, 1983, p.212):

$\mathrm{Var}(x) = E_\theta\ \{\mathrm{Var}_{x|\theta}(x)\} + \mathrm{Var}_\theta\ \{E_{x|\theta}(x)\}$.

When this formula is applied to a binomial random variable x, the result is

$\mathrm{Var}(x) = n\ E_\theta\ \{\theta\}(1-E_\theta\{\theta\}) + n(n-1)\ \mathrm{Var}_\theta\{\theta\}$

as given by Mosimann (1962, equation 36). From this it follows that

$$\mathrm{Var}(x/n) = \mathrm{Var}(x) / n^2 = (E_\theta(\theta)(1-E_\theta(\theta))) / n + (1-(1/n))\ \mathrm{Var}(\theta)$$

where $V(\theta) = V$, the constant inter-hospital variance. Values of V for each diagnostic category are in Table 4.

The ranges of predicted mortality rates given in this publication encompass 95% of the probable values on a logit scale, which ensures that the range neither goes below zero nor above 100%. On the logit scale, the range of predicted values $P_j$ is given by:

$$R_j = \log(P_j/(1-P_j)) \pm 1.96( \sqrt{SV_j + IHV_j} ) / (P_j(1-P_j)).$$

Retransformed to the probability scale, the upper end of the range is:

$$\exp(R_+) / (1 + \exp(R_+))$$

and the lower end is:

$$\exp(R_-) / (1 + \exp(R_-))$$

where $R_+$ is the value of R taken with the + sign and $R_-$ is the value of R taken with the - sign.

The tabulation of the numbers of cases at risk (i. e., the number of patients whose last discharge in 1987 was from the given hospital), of the percentage of these persons who died within 30 days of the date of admission for that hospitalization, and of the range of predicted mortality rates encompassing 95% of the probable values on the logit scale forms the core of the present publication. A similar display is also included for the 1986 data.

An implication that bears importantly on year-to-year stability of rankings is that there remain important sources of variability in outcomes associated with variations in patient characteristics (such as severity of illness) and other factors that have not been taken into account in the models used in the present analyses.

## References

David R. Cox (1970) The Analysis of Binary Data, London: Chapman and Hall.

Maurice Kendall, Alan Stuart and J. Keith Ord (1983) The Advanced Theory of Statistics, Vol. 3, 4th Ed., New York: Macmillan.

James E. Mosimann (1962) "On the compound multinomial distribution, the multivariate $\beta$-distribution, and correlations among proportions," Biometrika, 49, 65-82.

SAS Institute Inc. (1986) SUGI Supplemental Library User's Guide, Version 5 Edition, Cary, NC: SAS Institute, Inc.

## TABLE 1

Covariates used in the logistic models for the 1988 Hospital Mortality Release. Generally the same variables are used for all diagnostic categories. The two-letter codes for comorbidities are defined in terms of ICD-9-CM codes in Table 3 of the Introduction to this report.

| | |
|---|---|
| Intercept | Constant added into the logistic model in all cases. |
| **Demographics** | |
| RAG | Age of patient in years divided by 65. |
| RAGSQ | RAG squared. |
| SEX | An indicator variable: Male 0 and Female 1. |
| **Comorbidities (Indicator variables)** | |
| DI | 1 if patient has diabetes, 0 if not. |
| OP | 1 if chronic pulmonary disease, 0 if not. |
| CA | 1 if cancer, 0 if not. |
| LV | 1 if chronic liver disease, 0 if not. |
| RN | 1 if chronic renal disease, 0 if not. |
| CE | 1 if cerebrovascular degeneration or chronic psychosis, 0 if not. |
| HY | 1 if hypertensive disease, 0 if not. |
| CV | 1 if chronic cardiovascular disease, 0 if not. |
| **Prior Histories (Indicator variables)** | |
| PH1 | 1 if patient has had 1 recent high-risk admission, 0 if not. |
| PH2 | 1 if patient has had 2 recent high-risk admissions, 0 if not. |
| PH3M | 1 if patient has had 3 recent high-risk admissions, 0 if not. |
| PL1 | 1 if patient has had 1 recent low-risk admission, 0 if not. |
| PL2 | 1 if patient has had 2 recent low-risk admissions, 0 if not. |
| PL3M | 1 if patient has had 3 recent low-risk admissions, 0 if not. |
| PU1 | 1 if patient has had 1 recent medium-risk admission, 0 if not. |
| PU2 | 1 if patient has had 2 recent medium-risk admissions, 0 if not. |
| PU3M | 1 if patient has had 3 recent medium-risk admissions, 0 if not. |
| TRIN | 1 if patient was transfered into the hospital, 0 if not. |

Recent means within six months (182 days) before the admission date on the last discharge.

## Table 2

### 1987
### Parameter Estimates

Conditions:

CA - Cancer
CE - Cerebrovascular accidents
EY - Neuropsychiatric and sensory disease
GC - Gastrintestinal catastrophes
GI - Gastrointestinal disease
GU - Urologic disease
GY - Gynecologic disease
HL - Low-risk heart disease
HM - Severe chronic heart disease
HS - Severe acute heart disease
ME - Metabolic/electrolyte disturbances
OP - Muskuloskeletal and cutaneous conditions
PN - Pulmonary disease
RN - Renal failure
SE - Infectious disease
TR - Severe trauma
UN - All other conditions

Table 2.1

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1987

| CONDITIONS | CA | | CE | | EY | | GC | | GI | | GU | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VARIABLES | EST | SE | EST | SE | EST | SE | EST | SE | EST | SE | EST | SE |
| INTERCEPT | -0.9591 | 0.1846 | 1.1997 | 0.2163 | -5.2813 | 0.2800 | -2.3087 | 0.2017 | -3.5635 | 0.2663 | -4.7226 | 0.4824 |
| RAG | -1.6335 | 0.3285 | -6.6151 | 0.3659 | -1.5611 | 0.5229 | -0.4696 | 0.3734 | -5.5355 | 0.4572 | -5.5282 | 0.8185 |
| RAGSQ | 1.3503 | 0.1465 | 3.7120 | 0.1544 | 2.2297 | 0.2447 | 1.2330 | 0.1746 | 4.2574 | 0.1972 | 4.4686 | 0.3499 |
| SEX | -0.2402 | 0.0094 | -0.0476 | 0.0099 | -0.5750 | 0.0287 | -0.1175 | 0.0199 | -0.1243 | 0.0185 | 0.5935 | 0.0350 |
| DI | -0.1024 | 0.0258 | 0.1020 | 0.0165 | 0.1759 | 0.0587 | -0.1638 | 0.0415 | 0.2683 | 0.0400 | 0.4540 | 0.0636 |
| OP | -0.0561 | 0.0141 | 0.1279 | 0.0185 | 0.3559 | 0.0436 | 0.0051 | 0.0359 | 0.2458 | 0.0285 | 0.1487 | 0.0535 |
| CA | 0.5768 | 0.0093 | 0.8097 | 0.0252 | 1.9331 | 0.0441 | 1.0668 | 0.0340 | 1.6400 | 0.0301 | 1.4296 | 0.0452 |
| LV | 1.3567 | 0.0417 | 0.9674 | 0.0741 | 0.8902 | 0.1032 | 0.9094 | 0.0259 | 1.3731 | 0.0523 | 1.4221 | 0.1900 |
| RN | 1.0472 | 0.0364 | 0.8796 | 0.0314 | 1.6159 | 0.0678 | 0.6804 | 0.0411 | 1.4903 | 0.0431 | 1.4730 | 0.0594 |
| CE | -0.0632 | 0.0394 | -0.6277 | 0.0291 | 0.2072 | 0.0601 | -0.5066 | 0.0825 | 0.0970 | 0.0636 | 0.5856 | 0.0843 |
| HY | -0.3680 | 0.0492 | -0.0778 | 0.0226 | -0.0419 | 0.1010 | -0.3043 | 0.0760 | -0.1481 | 0.0642 | -0.0122 | 0.1146 |
| CV | 0.3520 | 0.0118 | 0.3532 | 0.0097 | 0.6803 | 0.0304 | 0.5708 | 0.0221 | 0.7706 | 0.0186 | 0.9333 | 0.0323 |
| PH1 | 0.9049 | 0.0111 | 0.4668 | 0.0149 | 1.0171 | 0.0409 | 0.4431 | 0.0263 | 1.0073 | 0.0263 | 1.1523 | 0.0425 |
| PH2 | 1.3110 | 0.0199 | 0.8399 | 0.0344 | 1.6964 | 0.0753 | 0.5912 | 0.0461 | 1.4578 | 0.0538 | 1.5987 | 0.0906 |
| PH3M | 1.5586 | 0.0339 | 1.2198 | 0.0752 | 1.9332 | 0.1458 | 0.5752 | 0.0666 | 1.8720 | 0.1031 | | |
| PU1 | 0.4216 | 0.0129 | 0.3815 | 0.0163 | 0.5417 | 0.0398 | 0.2922 | 0.0263 | 0.5258 | 0.0251 | 0.6359 | 0.0416 |
| PU2 | 0.6721 | 0.0242 | 0.6588 | 0.0401 | 0.9497 | 0.0767 | 0.4900 | 0.0517 | 0.9993 | 0.0487 | 1.0869 | 0.0809 |
| PU3M | 0.8003 | 0.0291 | 0.7082 | 0.0782 | 1.4732 | 0.1082 | 0.5197 | 0.0815 | 1.0673 | 0.0858 | 1.5890 | 0.1328 |
| TRIN | -0.2626 | 0.0293 | -0.0471 | 0.0357 | 0.5169 | 0.1053 | 0.3129 | 0.0627 | 0.6705 | 0.0692 | 0.6464 | 0.1219 |
| PL1 | 0.1573 | 0.0162 | 0.1208 | 0.0159 | 0.1455 | 0.0378 | 0.1427 | 0.0301 | 0.2183 | 0.0250 | 0.1653 | 0.0433 |
| PL2 | 0.1772 | 0.0437 | 0.1758 | 0.0411 | 0.1414 | 0.0801 | 0.1743 | 0.0731 | 0.3797 | 0.0533 | 0.4906 | 0.0895 |
| PL3M | 0.1269 | 0.1044 | 0.3631 | 0.0888 | 0.0705 | 0.1537 | 0.1452 | 0.1591 | 0.2971 | 0.1094 | 0.8340 | 0.1643 |
| TOTAL NUM. | 216,565 | | 240,896 | | 245,185 | | 52,907 | | 451,765 | | 277,784 | |
| DEATHS | 89,692 | | 63,407 | | 5,633 | | 18,329 | | 13,776 | | 4,634 | |
| MODEL CHI-SQ. | 23,809 | | 11,842 | | 7,524 | | 5,215 | | 16,232 | | 7,689 | |

Table 2.2

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1987

| CONDITIONS | GY | | HL | | HM | | HS | | ME | | OP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VARIABLES | EST | SE | EST | SE | EST | SE | EST | SE | EST SE | EST | SE | |
| INTERCEPT | -9.1786 | 0.3010 | -3.1645 | 0.2327 | -1.9582 | 0.1666 | -0.3864 | 0.1743 | -3.2048 | 0.2537 | -3.3135 | 0.2154 |
| RAG | | | -4.6780 | 0.4036 | -1.7762 | 0.2847 | -3.4967 | 0.3051 | 0.2668 | 0.4302 | -5.8135 | 0.3778 |
| RAGSQ | 2.3124 | 0.2106 | 3.3811 | 0.1750 | 1.7348 | 0.1215 | 2.6778 | 0.1335 | 0.8351 | 0.1827 | 4.2440 | 0.1665 |
| SEX | | | -0.2982 | 0.0129 | -0.2375 | 0.0092 | -0.0383 | 0.0088 | -0.4303 | 0.0160 | -0.4685 | 0.0192 |
| DI | 0.9843 | 0.2244 | 0.2989 | 0.0241 | -0.0471 | 0.0155 | 0.1744 | 0.0155 | -0.0804 | 0.0329 | 0.3664 | 0.0349 |
| OP | 0.1323 | 0.2781 | 0.2005 | 0.0200 | 0.0032 | 0.0117 | -0.1526 | 0.0142 | 0.0243 | 0.0273 | 0.4635 | 0.0297 |
| CA | 2.1844 | 0.1861 | 1.5089 | 0.0244 | 0.8028 | 0.0211 | 0.5563 | 0.0256 | 1.6174 | 0.0200 | 1.8846 | 0.0285 |
| LV | 1.8871 | 0.5508 | 1.2272 | 0.0787 | 0.7108 | 0.0435 | 1.0323 | 0.0751 | 0.8660 | 0.0693 | 1.5729 | 0.0798 |
| RN | 2.2304 | 0.3106 | 1.1843 | 0.0297 | 0.7261 | 0.0159 | 0.8167 | 0.0253 | 0.6416 | 0.0304 | 1.6414 | 0.0448 |
| CE | 0.3470 | 0.4731 | 0.0348 | 0.0444 | -0.0814 | 0.0318 | -0.5037 | 0.0376 | -0.2641 | 0.0316 | 0.2949 | 0.0490 |
| HY | 0.3073 | 0.3791 | -0.1699 | 0.0362 | -0.3986 | 0.0280 | -0.2861 | 0.0250 | -0.2003 | 0.0612 | 0.0462 | 0.0641 |
| CV | 1.3402 | 0.1349 | 0.5437 | 0.0133 | 0.0804 | 0.0092 | 0.2520 | 0.0093 | 0.6250 | 0.0174 | 0.9847 | 0.0193 |
| PH1 | 1.6812 | 0.1924 | 0.8796 | 0.0162 | 0.6334 | 0.0106 | 0.4255 | 0.0132 | 0.5445 | 0.0190 | 1.0584 | 0.0288 |
| PH2 | 2.9031 | 0.4044 | 1.4401 | 0.0306 | 0.9506 | 0.0165 | 0.8011 | 0.0285 | 0.7757 | 0.0346 | 1.4467 | 0.0623 |
| PH3M | | | 2.0347 | 0.0535 | 1.1726 | 0.0231 | 1.1723 | 0.0571 | 1.0184 | 0.0616 | 2.1872 | 0.1133 |
| PU1 | 0.9758 | 0.1835 | 0.4561 | 0.0188 | 0.3210 | 0.0128 | 0.3565 | 0.0153 | 0.3166 | 0.0200 | 0.4935 | 0.0279 |
| PU2 | 1.1076 | 0.4287 | 0.8606 | 0.0392 | 0.5318 | 0.0270 | 0.6332 | 0.0372 | 0.4251 | 0.0382 | 0.9696 | 0.0545 |
| PU3M | 1.5589 | 0.6383 | 1.1950 | 0.0658 | 0.6545 | 0.0489 | 0.9770 | 0.0669 | 0.6245 | 0.0574 | 1.4334 | 0.0845 |
| TRIN | 1.3584 | 0.8502 | 0.6728 | 0.0247 | 0.4610 | 0.0362 | -0.4480 | 0.0235 | 0.3256 | 0.1310 | 0.8660 | 0.0862 |
| PL1 | -0.3050 | 0.2295 | 0.1905 | 0.0159 | 0.1086 | 0.0133 | 0.1103 | 0.0139 | 0.0448 | 0.0232 | 0.0407 | 0.0270 |
| PL2 | 0.6264 | 0.4710 | 0.2546 | 0.0299 | 0.1217 | 0.0300 | 0.1501 | 0.0323 | 0.0580 | 0.0568 | 0.0861 | 0.0616 |
| PL3M | | | 0.4261 | 0.0480 | 0.2047 | 0.0572 | 0.3722 | 0.0619 | -0.1159 | 0.1335 | -0.0071 | 0.1383 |
| | | | | | | | | | | | | |
| TOTAL NUM. | 61,870 | | 818,849 | | 311,444 | | 246,665 | | 105,282 | | 585,696 | |
| DEATHS | 273 | | 27,786 | | 70,762 | | 94,172 | | 26,485 | | 13,186 | |
| MODEL CHI-SQ | 667 | | 21,104 | | 19,097 | | 14,457 | | 14,966 | | 18,616 | |

Table 2.3

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1987

| CONDITIONS | PN | | RN | | SE | | TR | | UN | |
|---|---|---|---|---|---|---|---|---|---|---|
| VARIABLES | EST | SE | EST | SE | EST | SE | EST | SE | EST | SE |
| INTERCEPT | -2.6009 | 0.1260 | -4.7164 | 0.2568 | -2.2654 | 0.1841 | -1.4983 | 0.4342 | -3.5263 | 0.0652 |
| RAG | -1.1518 | 0.2161 | 2.4880 | 0.4744 | -0.2282 | 0.3274 | -1.3583 | 0.7978 | -2.4574 | 0.1146 |
| RAGSQ | 1.7081 | 0.0927 | 0.5723 | 0.2186 | 0.9669 | 0.1465 | 1.4598 | 0.3676 | 2.4350 | 0.0507 |
| SEX | -0.3345 | 0.0086 | -0.1322 | 0.0252 | -0.1198 | 0.0162 | -0.2443 | 0.0435 | -0.2930 | 0.0052 |
| DI | 0.1040 | 0.0182 | 0.1180 | 0.0406 | -0.0070 | 0.0271 | -0.0629 | 0.1099 | 0.1689 | 0.0104 |
| OP | -0.3019 | 0.0103 | 0.2304 | 0.0498 | -0.0529 | 0.0308 | -0.2491 | 0.0836 | 0.2396 | 0.0074 |
| CA | 1.0701 | 0.0137 | 0.9455 | 0.0430 | 0.7369 | 0.0237 | 0.8208 | 0.1094 | 1.1744 | 0.0070 |
| LV | 0.6490 | 0.0482 | 1.2631 | 0.1042 | 0.9764 | 0.0597 | 1.1583 | 0.2114 | 1.4285 | 0.0192 |
| RN | 0.8493 | 0.0215 | -0.0693 | 0.0369 | 0.7499 | 0.0313 | 1.1097 | 0.1679 | 1.0659 | 0.0115 |
| CE | 0.0284 | 0.0187 | -0.0107 | 0.0758 | -0.3244 | 0.0425 | -0.4878 | 0.1103 | 0.0186 | 0.0146 |
| HY | -0.2986 | 0.0327 | -0.3446 | 0.0479 | -0.3185 | 0.0673 | -0.1716 | 0.1790 | -0.2222 | 0.0186 |
| CV | 0.3876 | 0.0086 | 0.6419 | 0.0259 | 0.5171 | 0.0175 | 0.5752 | 0.0469 | 0.6601 | 0.0053 |
| PH1 | 0.6818 | 0.0105 | 0.3766 | 0.0300 | 0.5626 | 0.0199 | 0.1086 | 0.0694 | 0.9182 | 0.0069 |
| PH2 | 0.9608 | 0.0192 | 0.6510 | 0.0520 | 0.7310 | 0.0368 | 0.3808 | 0.1633 | 1.3266 | 0.0137 |
| PH3M | 1.2271 | 0.0338 | 1.0370 | 0.0839 | 0.9597 | 0.0658 | 0.9237 | 0.3318 | 1.6233 | 0.0251 |
| PU1 | 0.5299 | 0.0114 | 0.3242 | 0.0317 | 0.4128 | 0.0199 | 0.2128 | 0.0718 | 0.4829 | 0.0064 |
| PU2 | 0.8180 | 0.0227 | 0.4157 | 0.0577 | 0.6202 | 0.0363 | 0.4006 | 0.1684 | 0.7516 | 0.0109 |
| PU3M | 1.0552 | 0.0378 | 0.7940 | 0.0869 | 0.7960 | 0.0558 | 0.8103 | 0.3126 | 0.7356 | 0.0146 |
| TRIN | 0.1327 | 0.0419 | 0.1808 | 0.0533 | 0.4457 | 0.0721 | -0.1722 | 0.1057 | 0.4225 | 0.0173 |
| PL1 | 0.2341 | 0.0135 | 0.1925 | 0.0355 | 0.1490 | 0.0235 | -0.0263 | 0.0720 | 0.1152 | 0.0078 |
| PL2 | 0.2659 | 0.0337 | 0.3193 | 0.0797 | 0.2329 | 0.0566 | -0.2338 | 0.1915 | 0.1074 | 0.0187 |
| PL3M | 0.2878 | 0.0754 | 0.4619 | 0.1810 | 0.2501 | 0.1322 | 0.2520 | 0.3722 | 0.0855 | 0.0407 |
| TOTAL NUM. | 339,986 | | 33,325 | | 77,856 | | 11,777 | | 2,200,419 | |
| DEATHS | 87,977 | | 12,531 | | 27,664 | | 3,306 | | 187,048 | |
| MODEL CHI-SQ | 38,547 | | 6,125 | | 6,964 | | 621 | | 144,234 | |

## Table 3

### 1986
### Parameter Estimates

Conditions:

CA - Cancer
CE - Cerebrovascular accidents
EY - Neuropsychiatric and sensory disease
GC - Gastrintestinal catastrophes
GI - Gastrointestinal disease
GU - Urologic disease
GY - Gynecologic disease
HL - Low-risk heart disease
HM - Severe chronic heart disease
HS - Severe acute heart disease
ME - Metabolic/electrolyte disturbances
OP - Muskuloskeletal and cutaneous conditions
PN - Pulmonary disease
RN - Renal failure
SE - Infectious disease
TR - Severe trauma
UN - All other conditions

Table 3.1

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1986

| CONDITIONS | CA | | CE | | EY | | GC | | GI | | GU | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VARIABLES | EST | SE | EST | SE | EST | SE | EST | SE | EST | SE | EST | SE |
| INTERCEPT | -0.6935 | 0.1711 | 1.2702 | 0.2119 | -5.0334 | 0.2787 | -2.4782 | 0.2041 | -4.6046 | 0.2977 | -4.9166 | 0.4960 |
| RAG | -2.0718 | 0.3060 | -6.6604 | 0.3596 | -2.0634 | 0.5218 | -0.1881 | 0.3780 | -3.7139 | 0.5078 | -5.3277 | 0.8391 |
| RAGSQ | 1.5499 | 0.1373 | 3.7428 | 0.1522 | 2.4025 | 0.2450 | 1.1097 | 0.1769 | 3.4668 | 0.2170 | 4.5152 | 0.3568 |
| SEX | -0.2593 | 0.0092 | -0.0565 | 0.0099 | -0.6174 | 0.0289 | -0.1210 | 0.0201 | -0.0971 | 0.0185 | 0.4567 | 0.0341 |
| DI | -0.0272 | 0.0262 | 0.0901 | 0.0168 | 0.1705 | 0.0602 | -0.1277 | 0.0430 | 0.3501 | 0.0402 | 0.3537 | 0.0657 |
| OP | -0.1000 | 0.0144 | 0.1143 | 0.0191 | 0.3318 | 0.0449 | 0.0242 | 0.0366 | 0.2072 | 0.0296 | 0.3862 | 0.0496 |
| CA | 0.5851 | 0.0092 | 0.8364 | 0.0258 | 1.8688 | 0.0467 | 1.0402 | 0.0349 | 1.5772 | 0.0309 | 1.3949 | 0.0443 |
| LV | 1.2564 | 0.0407 | 0.9586 | 0.0740 | 1.1024 | 0.0990 | 0.8965 | 0.0259 | 1.2942 | 0.0551 | 1.4362 | 0.1772 |
| RN | 1.0298 | 0.0361 | 0.9586 | 0.0318 | 1.5581 | 0.0702 | 0.6505 | 0.0412 | 1.6787 | 0.0420 | 1.4506 | 0.0577 |
| CE | -0.0221 | 0.0400 | -0.6970 | 0.0305 | 0.3764 | 0.0591 | -0.4242 | 0.0824 | 0.0921 | 0.0657 | 0.4479 | 0.0916 |
| HY | -0.3215 | 0.0467 | -0.0427 | 0.0218 | -0.1194 | 0.1018 | -0.1737 | 0.0736 | -0.1337 | 0.0618 | -0.0633 | 0.1163 |
| CV | 0.3175 | 0.0118 | 0.3192 | 0.0097 | 0.7138 | 0.0305 | 0.5685 | 0.0226 | 0.7724 | 0.0188 | 0.8915 | 0.0318 |
| PH1 | 0.8905 | 0.0108 | 0.4851 | 0.0147 | 1.1647 | 0.0401 | 0.5078 | 0.0264 | 1.0110 | 0.0263 | 1.0662 | 0.0423 |
| PH2 | 1.3003 | 0.0186 | 0.8945 | 0.0343 | 1.5354 | 0.0800 | 0.5598 | 0.0463 | 1.4630 | 0.0545 | 1.6150 | 0.0845 |
| PH3M | 1.5546 | 0.0307 | 1.2319 | 0.0715 | 2.1298 | 0.1384 | 0.7163 | 0.0638 | 1.9491 | 0.0945 | 1.9744 | 0.1628 |
| PU1 | 0.4014 | 0.0125 | 0.3670 | 0.0161 | 0.5563 | 0.0395 | 0.2703 | 0.0267 | 0.5007 | 0.0252 | 0.7208 | 0.0389 |
| PU2 | 0.7303 | 0.0237 | 0.6878 | 0.0381 | 1.0727 | 0.0727 | 0.4299 | 0.0509 | 0.8482 | 0.0498 | 1.0602 | 0.0766 |
| PU3M | 0.7999 | 0.0287 | 0.9325 | 0.0753 | 1.3039 | 0.1118 | 0.4267 | 0.0799 | 1.2691 | 0.0786 | 1.5561 | 0.1256 |
| TRIN | -0.2505 | 0.0292 | -0.1440 | 0.0353 | 0.6729 | 0.1012 | 0.3272 | 0.0622 | 0.6357 | 0.0736 | 0.2013 | 0.1316 |
| PL1 | 0.1639 | 0.0158 | 0.1246 | 0.0157 | 0.1131 | 0.0377 | 0.1974 | 0.0297 | 0.2120 | 0.0248 | 0.2379 | 0.0404 |
| PL2 | 0.2254 | 0.0418 | 0.2646 | 0.0388 | 0.1614 | 0.0778 | 0.3439 | 0.0705 | 0.2968 | 0.0537 | 0.4307 | 0.0839 |
| PL3M | 0.1770 | 0.0989 | 0.2803 | 0.0871 | -0.1251 | 0.1570 | 0.3168 | 0.1550 | 0.4594 | 0.0995 | 0.4725 | 0.1783 |
| TOTAL NUM | 222,229 | | 238,401 | | 270,607 | | 52,534 | | 461,326 | | 271,619 | |
| DEATHS | 93,522 | | 64,594 | | 5,542 | | 18,040 | | 13,703 | | 4,922 | |
| MODEL CHISQ | 25,026 | | 12,188 | | 7,273 | | 5,175 | | 16,023 | | 8,032 | |

Table 3.2

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1986 10

| CONDITIONS | GY | | HL | | HM | | HS | | ME | | OP | |
|---|---|---|---|---|---|---|---|---|---|---|---|---|
| VARIABLES | EST | SE | EST | SE | EST | SE | EST | SE | EST | SE | EST | SE |
| INTERCEPT | -6.0902 | 1.4498 | -3.4160 | 0.2212 | -1.6133 | 0.1692 | -0.5198 | 0.1701 | -2.5712 | 0.2549 | -3.7309 | 0.2242 |
| RAG | -5.5378 | 2.5669 | -4.2268 | 0.3845 | -2.4500 | 0.2892 | -3.1937 | 0.2987 | -1.1829 | 0.4326 | -5.0932 | 0.3922 |
| RAGSQ | 4.7783 | 1.1535 | 3.1875 | 0.1673 | 2.0516 | 0.1233 | 2.5477 | 0.1310 | 1.5576 | 0.1840 | 3.9324 | 0.1723 |
| SEX | | | -0.3070 | 0.0130 | -0.2495 | 0.0092 | -0.0478 | 0.0087 | -0.4780 | 0.0163 | -0.4855 | 0.0193 |
| DI | 0.1866 | 0.3101 | 0.2941 | 0.0250 | -0.0197 | 0.0160 | 0.1450 | 0.0158 | 0.0318 | 0.0342 | 0.3539 | 0.0365 |
| OP | 0.5395 | 0.2405 | 0.1872 | 0.0207 | 0.0077 | 0.0120 | -0.1629 | 0.0144 | 0.0252 | 0.0287 | 0.3840 | 0.0315 |
| CA | 2.2193 | 0.1759 | 1.4997 | 0.0255 | 0.8415 | 0.0212 | 0.6057 | 0.0259 | 1.6491 | 0.0208 | 1.9165 | 0.0288 |
| LV | 1.6894 | 0.6300 | 1.1551 | 0.0807 | 0.8547 | 0.0438 | 1.1809 | 0.0751 | 0.9253 | 0.0716 | 1.5156 | 0.0806 |
| RN | 2.6680 | 0.2904 | 1.2739 | 0.0302 | 0.7806 | 0.0164 | 0.8464 | 0.0253 | 0.6618 | 0.0312 | 1.6090 | 0.0468 |
| CE | 0.9116 | 0.3657 | 0.0700 | 0.0454 | -0.1465 | 0.0332 | -0.4865 | 0.0385 | -0.2090 | 0.0328 | 0.2731 | 0.0516 |
| HY | -0.5363 | 0.5140 | -0.1274 | 0.0348 | -0.3400 | 0.0270 | -0.3097 | 0.0243 | -0.2524 | 0.0613 | 0.0238 | 0.0638 |
| CV | 1.3407 | 0.1327 | 0.5839 | 0.0133 | 0.1184 | 0.0092 | 0.2506 | 0.0090 | 0.6640 | 0.0177 | 1.0189 | 0.0195 |
| PH1 | 1.0216 | 0.2113 | 0.9189 | 0.0161 | 0.6290 | 0.0106 | 0.4733 | 0.0130 | 0.5411 | 0.0194 | 0.9992 | 0.0292 |
| PH2 | 1.6429 | 0.5046 | 1.4469 | 0.0310 | 0.9750 | 0.0166 | 0.8402 | 0.0282 | 0.8648 | 0.0347 | 1.5330 | 0.0602 |
| PH3M | | | 1.9382 | 0.0537 | 1.2485 | 0.0234 | 1.2165 | 0.0565 | 0.9935 | 0.0616 | 2.0814 | 0.1047 |
| PU1 | 1.1173 | 0.1706 | 0.4277 | 0.0188 | 0.3470 | 0.0128 | 0.3501 | 0.0151 | 0.3306 | 0.0202 | 0.5565 | 0.0273 |
| PU2 | 2.1093 | 0.2979 | 0.8318 | 0.0382 | 0.5611 | 0.0267 | 0.6626 | 0.0353 | 0.5036 | 0.0384 | 0.9047 | 0.0549 |
| PU3M | 2.2081 | 0.6138 | 0.9628 | 0.0702 | 0.7711 | 0.0481 | 0.9840 | 0.0650 | 0.6713 | 0.0572 | 1.3180 | 0.0858 |
| TRIN | 0.9013 | 0.7009 | 0.7265 | 0.0258 | 0.5468 | 0.0377 | -0.3246 | 0.0243 | 0.2211 | 0.1395 | 0.7031 | 0.0868 |
| PL1 | 0.4276 | 0.1768 | 0.1796 | 0.0160 | 0.1214 | 0.0133 | 0.1137 | 0.0136 | 0.0428 | 0.0233 | 0.0564 | 0.0266 |
| PL2 | 0.9956 | 0.3936 | 0.2855 | 0.0294 | 0.1428 | 0.0298 | 0.2299 | 0.0313 | 0.0182 | 0.0546 | 0.1999 | 0.0587 |
| PL3M | 0.2168 | 1.1080 | 0.4296 | 0.0471 | 0.1918 | 0.0573 | 0.2938 | 0.0630 | -0.2231 | 0.1276 | 0.3776 | 0.1113 |
| TOTAL NUM | 60,709 | | 806,069 | | 306,819 | | 252,802 | | 106,268 | | 598,973 | |
| DEATHS | 292 | | 27,612 | | 71,429 | | 98,629 | | 25,226 | | 12,993 | |
| MODEL CHISQ | 742 | | 21,313 | | 20,525 | | 15,388 | | 15,173 | | 18,431 | |

Table 3.3

PARAMETER ESTIMATES(EST) AND STANDARD ERRORS(SE) FROM THE 1988 MODEL
APPLIED TO THE LAST DISCHARGES FOR 1986

| CONDITIONS | PN | | RN | | SE | | TR | | UN | |
|---|---|---|---|---|---|---|---|---|---|---|
| VARIABLES | EST | SE | EST | SE | EST | SE | EST | SE | EST | SE |
| INTERCEPT | -2.4297 | 0.1257 | -5.3676 | 0.2513 | -1.9628 | 0.1900 | -1.2194 | 0.4088 | -3.6987 | 0.0657 |
| RAG | -1.6417 | 0.2157 | 4.0378 | 0.4657 | -0.8787 | 0.3385 | -1.6280 | 0.7616 | -2.1326 | 0.1156 |
| RAGSQ | 1.9832 | 0.0927 | -0.1729 | 0.2153 | 1.3268 | 0.1517 | 1.5136 | 0.3558 | 2.3068 | 0.0511 |
| SEX | -0.3399 | 0.0087 | -0.1521 | 0.0249 | -0.1357 | 0.0166 | -0.2379 | 0.0439 | -0.3210 | 0.0051 |
| DI | 0.0955 | 0.0189 | 0.1173 | 0.0406 | -0.0102 | 0.0289 | 0.1980 | 0.1100 | 0.1557 | 0.0107 |
| OP | -0.3001 | 0.0106 | 0.1944 | 0.0515 | -0.0513 | 0.0332 | -0.3725 | 0.0878 | 0.2494 | 0.0076 |
| CA | 1.0634 | 0.0142 | 1.0241 | 0.0434 | 0.7422 | 0.0249 | 1.1083 | 0.1114 | 1.1908 | 0.0069 |
| LV | 0.8483 | 0.0480 | 1.5236 | 0.1083 | 0.9560 | 0.0634 | 1.1229 | 0.2031 | 1.4421 | 0.0190 |
| RN | 0.9741 | 0.0217 | -0.0975 | 0.0366 | 0.8834 | 0.0323 | 1.1905 | 0.1593 | 1.0938 | 0.0116 |
| CE | 0.0463 | 0.0197 | -0.1517 | 0.0812 | -0.2689 | 0.0439 | -0.9687 | 0.1333 | 0.0093 | 0.0150 |
| HY | -0.3062 | 0.0315 | -0.4059 | 0.0461 | -0.3765 | 0.0692 | -0.5217 | 0.1900 | -0.2185 | 0.0183 |
| CV | 0.3822 | 0.0087 | 0.6109 | 0.0257 | 0.5128 | 0.0183 | 0.5865 | 0.0477 | 0.6784 | 0.0053 |
| PH1 | 0.7077 | 0.0107 | 0.3839 | 0.0296 | 0.5894 | 0.0203 | 0.0373 | 0.0718 | 0.8865 | 0.0069 |
| PH2 | 1.0172 | 0.0193 | 0.6771 | 0.0504 | 0.7663 | 0.0367 | 0.4404 | 0.1499 | 1.3351 | 0.0135 |
| PH3M | 1.2355 | 0.0334 | 0.8575 | 0.0795 | 1.0428 | 0.0657 | 0.7899 | 0.3126 | 1.6613 | 0.0244 |
| PU1 | 0.5472 | 0.0115 | 0.3206 | 0.0310 | 0.3753 | 0.0205 | 0.1126 | 0.0720 | 0.4908 | 0.0063 |
| PU2 | 0.8525 | 0.0231 | 0.6637 | 0.0561 | 0.6278 | 0.0369 | 0.2373 | 0.1725 | 0.8060 | 0.0106 |
| PU3M | 1.0659 | 0.0374 | 0.7923 | 0.0922 | 0.8401 | 0.0550 | 0.8693 | 0.2744 | 0.8532 | 0.0140 |
| TRIN | 0.1941 | 0.0435 | 0.1664 | 0.0511 | 0.4250 | 0.0740 | -0.1804 | 0.1057 | 0.4715 | 0.0173 |
| PL1 | 0.2260 | 0.0135 | 0.1230 | 0.0347 | 0.1273 | 0.0238 | -0.0378 | 0.0724 | 0.1093 | 0.0077 |
| PL2 | 0.1862 | 0.0334 | 0.4177 | 0.0799 | 0.2285 | 0.0558 | 0.3079 | 0.1735 | 0.1382 | 0.0181 |
| PL3M | 0.3574 | 0.0720 | 0.6154 | 0.1578 | 0.4217 | 0.1292 | -0.6078 | 0.4822 | 0.0787 | 0.0385 |
| TOTAL NUM | 338,897 | | 34,173 | | 73,283 | | 11,730 | | 2,229,542 | |
| DEATHS | 86,566 | | 13,299 | | 26,783 | | 3,326 | | 190,843 | |
| MODEL CHISQ | 40,378 | | 6,793 | | 7,093 | | 688 | | 150,640 | |

# Table 4

## Comparison of 1986 and 1987 Parameter Estimates

**Table 4.1**

| Diagnostic Category: Cancer(CA) | | | |
|---|---|---|---|
| VARIABLES | | Coefficients | |
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -0.694 | -0.959 |
| RAG | 1.134 | -2.072 | -1.633 |
| RAGSQ | 1.286 | 1.550 | 1.350 |
| SEX | 0.487 | -0.259 | -0.240 |
| DI | 0.034 | -0.027 | -0.102 |
| OP | 0.126 | -0.100 | -0.056 |
| CA | 0.485 | 0.585 | 0.577 |
| LV | 0.014 | 1.256 | 1.357 |
| RN | 0.018 | 1.030 | 1.047 |
| CE | 0.014 | -0.022 | -0.063 |
| HY | 0.010 | -0.321 | -0.368 |
| CV | 0.191 | 0.318 | 0.352 |
| PH1 | 0.221 | 0.890 | 0.905 |
| PH2 | 0.060 | 1.300 | 1.311 |
| PH3M | 0.021 | 1.555 | 1.559 |
| PU1 | 0.150 | 0.401 | 0.422 |
| PU2 | 0.038 | 0.730 | 0.672 |
| PU3M | 0.260 | 0.800 | 0.800 |
| TRIN | 0.025 | -0.251 | -0.263 |
| PL1 | 0.087 | 0.164 | 0.157 |
| PL2 | 0.011 | 0.225 | 0.177 |
| PL3M | 0.002 | 0.177 | 0.127 |
| TOTAL CASES | | 222,229 | 216,565 |
| DEATHS | | 93,522 | 89,692 |
| Mortality | Average Case | 45.1% | 44.9% |
| | Observed | 42.1% | 41.4% |
| Interhospital Variance | | 0.00137 | 0.00130 |
| MODEL CHISQ | | 25,026 | 23,809 |

Table 4.2

Diagnostic Category: CEREBROVASCULAR ACCIDENTS(CE)

| VARIABLES | | Coefficients | |
|---|---|---|---|
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | 1.270 | 1.200 |
| RAG | 1.192 | -6.660 | -6.615 |
| RAGSQ | 1.422 | 3.743 | 3.712 |
| SEX | 0.582 | -0.057 | -0.048 |
| DI | 0.093 | 0.090 | 0.102 |
| OP | 0.070 | 0.114 | 0.128 |
| CA | 0.300 | 0.836 | 0.810 |
| LV | 0.003 | 0.959 | 0.967 |
| RN | 0.019 | 0.959 | 0.880 |
| CE | 0.038 | -0.697 | -0.628 |
| HY | 0.048 | -0.043 | -0.078 |
| CV | 0.382 | 0.319 | 0.353 |
| PH1 | 0.107 | 0.485 | 0.467 |
| PH2 | 0.015 | 0.895 | 0.840 |
| PH3M | 0.003 | 1.232 | 1.220 |
| PU1 | 0.081 | 0.367 | 0.381 |
| PU2 | 0.011 | 0.688 | 0.659 |
| PU3M | 0.003 | 0.932 | 0.708 |
| TRIN | 0.018 | -0.144 | -0.047 |
| PL1 | 0.093 | 0.125 | 0.121 |
| PL2 | 0.012 | 0.265 | 0.176 |
| PL3M | 0.002 | 0.280 | 0.363 |
| TOTAL CASES | | 238,401 | 240,896 |
| DEATHS | | 64,594 | 63,407 |
| Mortality | Average Case | 29.3% | 28.3% |
| | Observed | 27.1% | 26.3% |
| Interhospital Variance | | 0.00044 | 0.00039 |
| MODEL CHISQ | | 12,188 | 11,842 |

## Table 4.3

Diagnostic Category: **NEUROPSYCHIATRIC/SENSORY(EY)**

| VARIABLES | | Coefficients | |
|---|---|---|---|
| | | **1986** | **1987** |
| **Names** | 1987 Average Case | | |
| INTERCEPT | 1 | -5.033 | -5.281 |
| RAG | 1.069 | -2.063 | -1.561 |
| RAGSQ | 1.143 | 2.402 | 2.230 |
| SEX | 0.580 | -0.617 | -0.575 |
| DI | 0.052 | 0.171 | 0.176 |
| OP | 0.074 | 0.332 | 0.356 |
| CA | 0.020 | 1.869 | 1.933 |
| LV | 0.011 | 1.102 | 0.890 |
| RN | 0.011 | 1.558 | 1.616 |
| CE | 0.052 | 0.376 | 0.207 |
| HY | 0.017 | -0.119 | -0.042 |
| CV | 0.177 | 0.714 | 0.680 |
| PH1 | 0.042 | 1.165 | 1.017 |
| PH2 | 0.006 | 1.535 | 1.696 |
| PH3M | 0.001 | 2.130 | 1.933 |
| PU1 | 0.081 | 0.556 | 0.542 |
| PU2 | 0.012 | 1.073 | 0.950 |
| PU3M | 0.004 | 1.304 | 1.473 |
| TRIN | 0.008 | 0.673 | 0.517 |
| PL1 | 0.146 | 0.113 | 0.146 |
| PL2 | 0.029 | 0.161 | 0.141 |
| PL3M | 0.009 | -0.125 | 0.070 |
| **TOTAL CASES** | | **270,607** | **245,185** |
| **DEATHS** | | **5,542** | **5,633** |
| **Mortality** | **Average Case** | **1.14%** | **1.27%** |
| | **Observed** | **2.05%** | **2.30%** |
| **Interhospital Variance** | | **0.00005** | **0.00006** |
| **MODEL CHISQ** | | **7,273** | **7,524** |

Table 4.4

Diagnostic Category: GASTROINTESTINAL CATASTROPHES(GC)

| VARIABLES | | Coefficients | |
|---|---|---|---|
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -2.478 | -2.309 |
| RAG | 1.124 | -0.188 | -0.470 |
| RAGSQ | 1.263 | 1.110 | 1.233 |
| SEX | 0.544 | -0.121 | -0.118 |
| DI | 0.061 | -0.128 | -0.164 |
| OP | 0.081 | 0.024 | 0.005 |
| CA | 0.083 | 1.040 | 1.067 |
| LV | 0.175 | 0.896 | 0.909 |
| RN | 0.062 | 0.651 | 0.680 |
| CE | 0.017 | -0.424 | -0.507 |
| HY | 0.019 | -0.174 | -0.304 |
| CV | 0.249 | 0.568 | 0.571 |
| PH1 | 0.154 | 0.508 | 0.443 |
| PH2 | 0.043 | 0.560 | 0.591 |
| PH3M | 0.02 | 0.716 | 0.575 |
| PU1 | 0.155 | 0.270 | 0.292 |
| PU2 | 0.034 | 0.430 | 0.490 |
| PU3M | 0.013 | 0.427 | 0.520 |
| TRIN | 0.022 | 0.327 | 0.313 |
| PL1 | 0.112 | 0.197 | 0.143 |
| PL2 | 0.017 | 0.344 | 0.174 |
| PL3M | 0.003 | 0.317 | 0.145 |

| | | 1986 | 1987 |
|---|---|---|---|
| **TOTAL CASES** | | **52,534** | **52,907** |
| **DEATHS** | | **18,040** | **18,329** |
| **Mortality** | **Average Case** | **32.5%** | **32.4%** |
| | **Observed** | **34.3%** | **34.6%** |
| **Interhospital Variance** | | **0.00232** | **0.00229** |
| **MODEL CHISQ** | | **5,175** | **5,215** |

**Table 4.5**

| Diagnostic Category: | GASTROINTESTINAL DISEASE(GI) | | |
|---|---|---|---|
| | | Coefficients | |
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -4.605 | -3.563 |
| RAG | 1.127 | -3.714 | -5.535 |
| RAGSQ | 1.270 | 3.467 | 4.257 |
| SEX | 0.558 | -0.097 | -0.124 |
| DI | 0.045 | 0.350 | 0.268 |
| OP | 0.093 | 0.207 | 0.246 |
| CA | 0.026 | 1.577 | 1.640 |
| LV | 0.013 | 1.294 | 1.373 |
| RN | 0.013 | 1.679 | 1.490 |
| CE | 0.016 | 0.092 | 0.097 |
| HY | 0.021 | -0.134 | -0.148 |
| CV | 0.228 | 0.772 | 0.771 |
| PH1 | 0.046 | 1.011 | 1.007 |
| PH2 | 0.006 | 1.463 | 1.458 |
| PH3M | 0.001 | 1.949 | 1.872 |
| PU1 | 0.087 | 0.501 | 0.526 |
| PU2 | 0.013 | 0.848 | 0.999 |
| PU3M | 0.003 | 1.269 | 1.067 |
| TRIN | 0.006 | 0.636 | 0.670 |
| PL1 | 0.117 | 0.212 | 0.218 |
| PL2 | 0.018 | 0.297 | 0.380 |
| PL3M | 0.004 | 0.459 | 0.297 |
| TOTAL CASES | | 461,326 | 451,765 |
| DEATHS | | 13,703 | 13,776 |
| Mortality | Average Case | 1.8% | 1.8% |
| | Observed | 3.0% | 3.0% |
| Interhospital Variance | | 0.00004 | 0.00004 |
| MODEL CHISQ | | 16,023 | 16,232 |

Table 4.6

| Diagnostic Category: UROLOGIC DISEASE(GU) | | | |
|---|---|---|---|
| VARIABLES | | Coefficients | |
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -4.917 | -4.723 |
| RAG | 1.120 | -5.328 | -5.528 |
| RAGSQ | 1.254 | 4.515 | 4.469 |
| SEX | 0.157 | 0.457 | 0.593 |
| DI | 0.039 | 0.354 | 0.454 |
| OP | 0.080 | 0.386 | 0.149 |
| CA | 0.038 | 1.395 | 1.430 |
| LV | 0.002 | 1.436 | 1.422 |
| RN | 0.017 | 1.451 | 1.473 |
| CE | 0.013 | 0.448 | 0.586 |
| HY | 0.015 | -0.063 | -0.012 |
| CV | 0.175 | 0.892 | 0.933 |
| PH1 | 0.040 | 1.066 | 1.152 |
| PH2 | 0.005 | 1.615 | 1.599 |
| PH3M | 0.000 | 1.974 | 0.000 |
| PU1 | 0.078 | 0.721 | 0.636 |
| PU2 | 0.011 | 1.060 | 1.087 |
| PU3M | 0.003 | 1.556 | 1.589 |
| TRIN | 0.006 | 0.201 | 0.646 |
| PL1 | 0.119 | 0.238 | 0.165 |
| PL2 | 0.017 | 0.431 | 0.491 |
| PL3M | 0.004 | 0.473 | 0.834 |
| TOTAL CASES | | 271,619 | 277,784 |
| DEATHS | | 4,922 | 4,634 |
| Mortality | Average Case | 0.9% | 0.8% |
| | Observed | 1.8% | 1.7% |
| Interhospital Variance | | 0.00006 | 0.00005 |
| MODEL CHISQ | | 8,032 | 7,689 |

## Table 4.7

| Diagnostic Category: GYNECOLOGIC DISEASE(GY) | | | |
|---|---|---|---|
| VARIABLES | | Coefficients | |
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -6.090 | -9.179 |
| RAG | 1.091 | -5.538 | |
| RAGSQ | 1.190 | 4.778 | 2.312 |
| SEX | 1 | | |
| DI | 0.025 | 0.187 | 0.984 |
| OP | 0.038 | 0.540 | 0.132 |
| CA | 0.012 | 2.219 | 2.184 |
| LV | 0.002 | 1.689 | 1.887 |
| RN | 0.005 | 2.668 | 2.230 |
| CE | 0.009 | 0.912 | 0.347 |
| HY | 0.012 | -0.536 | 0.307 |
| CV | 0.096 | 1.341 | 1.340 |
| PH1 | 0.012 | 1.022 | 1.681 |
| PH2 | 0.001 | 1.643 | 2.903 |
| PH3M | 0 | | |
| PU1 | 0.037 | 1.117 | 0.976 |
| PU2 | 0.004 | 2.109 | 1.108 |
| PU3M | 0.001 | 2.208 | 1.559 |
| TRIN | 0.001 | 0.901 | 1.358 |
| PL1 | 0.062 | 0.428 | -0.305 |
| PL2 | 0.006 | 0.996 | 0.626 |
| PL3M | 0 | 0.217 | |
| TOTAL CASES | | 60,709 | 61,870 |
| DEATHS | | 292 | 273 |
| Mortality | Average Case | 0.2% | 0.2% |
| | Observed | 0.5% | 0.4% |
| Interhospital Variance | | 0.00003 | 0.00003 |
| MODEL CHISQ | | 742 | 667 |

## Table 4.8

| Diagnostic Category: LOW-RISK HEART DISEASE(HL) | | | |
|---|---|---|---|
| VARIABLES | | Coefficients | |
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -3.416 | -3.165 |
| RAG | 1.132 | -4.227 | -4.678 |
| RAGSQ | 1.281 | 3.188 | 3.381 |
| SEX | 0.550 | -0.307 | -0.298 |
| DI | 0.061 | 0.294 | 0.299 |
| OP | 0.093 | 0.187 | 0.200 |
| CA | 0.020 | 1.500 | 1.509 |
| LV | 0.003 | 1.155 | 1.227 |
| RN | 0.016 | 1.274 | 1.184 |
| CE | 0.019 | 0.070 | 0.035 |
| HY | 0.038 | -0.127 | -0.170 |
| CV | 0.517 | 0.584 | 0.544 |
| PH1 | 0.090 | 0.919 | 0.880 |
| PH2 | 0.012 | 1.447 | 1.440 |
| PH3M | 0.003 | 1.938 | 2.035 |
| PU1 | 0.078 | 0.428 | 0.456 |
| PU2 | 0.011 | 0.832 | 0.861 |
| PU3M | 0.003 | 0.963 | 1.195 |
| TRIN | 0.036 | 0.726 | 0.673 |
| PL1 | 0.171 | 0.180 | 0.190 |
| PL2 | 0.035 | 0.286 | 0.255 |
| PL3M | 0.011 | 0.430 | 0.426 |
| TOTAL CASES | | 806,069 | 818,849 |
| DEATHS | | 27,612 | 27,786 |
| Mortality | Average Case | 2.5% | 2.4% |
| | Observed | 3.4% | 3.4% |
| Interhospital Variance | | 0.00002 | 0.00002 |
| MODEL CHISQ | | 21,313 | 21,104 |

Table 4.9

Diagnostic Category: SEVERE CHRONIC HEART DISEASE (HM)

| VARIABLES | | Coefficients | |
|---|---|---|---|
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -1.613 | -1.958 |
| RAG | 1.187 | -2.450 | -1.776 |
| RAGSQ | 1.409 | 2.052 | 1.735 |
| SEX | 0.551 | -0.249 | -0.237 |
| DI | 0.102 | -0.020 | -0.047 |
| OP | 0.187 | 0.008 | 0.003 |
| CA | 0.034 | 0.841 | 0.803 |
| LV | 0.008 | 0.855 | 0.711 |
| RN | 0.066 | 0.781 | 0.726 |
| CE | 0.020 | -0.146 | -0.081 |
| HY | 0.033 | -0.340 | -0.399 |
| CV | 0.594 | 0.118 | 0.080 |
| PH1 | 0.202 | 0.629 | 0.633 |
| PH2 | 0.061 | 0.975 | 0.951 |
| PH3M | 0.028 | 1.249 | 1.173 |
| PU1 | 0.121 | 0.347 | 0.321 |
| PU2 | 0.022 | 0.561 | 0.532 |
| PU3M | 0.006 | 0.771 | 0.654 |
| TRIN | 0.011 | 0.547 | 0.461 |
| PL1 | 0.118 | 0.121 | 0.109 |
| PL2 | 0.021 | 0.143 | 0.122 |
| PL3M | 0.005 | 0.192 | 0.205 |
| TOTAL CASES | | 306,819 | 311,444 |
| DEATHS | | 71,429 | 70,762 |
| Mortality | Average Case | 21.1% | 20.6% |
| | Observed | 23.3% | 22.7% |
| Interhospital Variance | | 0.00037 | 0.00032 |
| MODEL CHISQ | | 20,525 | 19,097 |

## Table 4.10

| Diagnostic Category: SEVERE ACUTE HEART DISEASE(HS) | | | |
|---|---|---|---|
| VARIABLES | | Coefficients | |
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -0.520 | -0.386 |
| RAG | 1.156 | -3.194 | -3.497 |
| RAGSQ | 1.336 | 2.548 | 2.678 |
| SEX | 0.482 | -0.048 | -0.038 |
| DI | 0.083 | 0.145 | 0.174 |
| OP | 0.108 | -0.163 | -0.153 |
| CA | 0.028 | 0.606 | 0.556 |
| LV | 0.003 | 1.181 | 1.032 |
| RN | 0.029 | 0.846 | 0.817 |
| CE | 0.015 | -0.486 | -0.504 |
| HY | 0.033 | -0.310 | -0.286 |
| CV | 0.675 | 0.251 | 0.252 |
| PH1 | 0.137 | 0.473 | 0.426 |
| PH2 | 0.023 | 0.840 | 0.801 |
| PH3M | 0.006 | 1.217 | 1.172 |
| PU1 | 0.083 | 0.350 | 0.357 |
| PU2 | 0.013 | 0.663 | 0.633 |
| PU3M | 0.004 | 0.984 | 0.977 |
| TRIN | 0.043 | -0.325 | -0.448 |
| PL1 | 0.105 | 0.114 | 0.110 |
| PL2 | 0.017 | 0.230 | 0.150 |
| PL3M | 0.005 | 0.294 | 0.372 |
| TOTAL CASES | | 252,802 | 246,665 |
| DEATHS | | 98,629 | 94,172 |
| Mortality | Average Case | 37.7% | 36.5% |
| | Observed | 39.0% | 38.2% |
| Interhospital | Variance | 0.00062 | 0.00067 |
| MODEL CHISQ | | 15,388 | 14,457 |

### Table 4.11

| Diagnostic Category: METABOLIC/ELECTROLYTE DISORDERS(ME) | | | |
|---|---|---|---|
| VARIABLES | | Coefficients | |
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -2.571 | -3.205 |
| RAG | 1.209 | -1.183 | 0.267 |
| RAGSQ | 1.462 | 1.558 | 0.835 |
| SEX | 0.639 | -0.478 | -0.430 |
| DI | 0.067 | 0.032 | -0.080 |
| OP | 0.088 | 0.025 | 0.024 |
| CA | 0.164 | 1.649 | 1.617 |
| LV | 0.010 | 0.925 | 0.866 |
| RN | 0.057 | 0.662 | 0.642 |
| CE | 0.082 | -0.209 | -0.264 |
| HY | 0.019 | -0.252 | -0.200 |
| CV | 0.249 | 0.664 | 0.625 |
| PH1 | 0.176 | 0.541 | 0.544 |
| PH2 | 0.040 | 0.865 | 0.776 |
| PH3M | 0.012 | 0.993 | 1.018 |
| PU1 | 0.165 | 0.331 | 0.317 |
| PU2 | 0.036 | 0.504 | 0.425 |
| PU3M | 0.015 | 0.671 | 0.624 |
| TRIN | 0.003 | 0.221 | 0.326 |
| PL1 | 0.124 | 0.043 | 0.045 |
| PL2 | 0.019 | 0.018 | 0.058 |
| PL3M | 0.004 | -0.223 | -0.116 |
| TOTAL CASES | | 106,268 | 105,282 |
| DEATHS | | 25,226 | 26,485 |
| Mortality | Average Case | 20.8% | 21.8% |
| | Observed | 23.7% | 25.2% |
| Interhospital Variance | | 0.00206 | 0.00216 |
| MODEL CHISQ | | 15,173 | 14,966 |

## Table 4.12

| Diagnostic Category: MUSCULOSKELETAL/SKIN CONDITIONS(OP) | | | |
|---|---|---|---|
| **VARIABLES** | | **Coefficients** | |
| | | **1986** | **1987** |
| **Names** | 1987 Average Case | | |
| INTERCEPT | 1 | -3.731 | -3.313 |
| **RAG** | 1.121 | -5.093 | -5.814 |
| **RAGSQ** | 1.257 | 3.932 | 4.244 |
| **SEX** | 0.666 | -0.485 | -0.469 |
| **DI** | 0.059 | 0.354 | 0.366 |
| **OP** | 0.066 | 0.384 | 0.463 |
| **CA** | 0.024 | 1.916 | 1.885 |
| **LV** | 0.004 | 1.516 | 1.573 |
| **RN** | 0.010 | 1.609 | 1.641 |
| **CE** | 0.023 | 0.273 | 0.295 |
| **HY** | 0.017 | 0.024 | 0.046 |
| **CV** | 0.170 | 1.019 | 0.985 |
| PH1 | 0.031 | 0.999 | 1.058 |
| PH2 | 0.004 | 1.533 | 1.447 |
| PH3M | 0.001 | 2.081 | 2.187 |
| PU1 | 0.066 | 0.557 | 0.494 |
| PU2 | 0.009 | 0.905 | 0.970 |
| PU3M | 0.003 | 1.318 | 1.433 |
| TRIN | 0.004 | 0.703 | 0.866 |
| PL1 | 0.123 | 0.056 | 0.041 |
| PL2 | 0.018 | 0.200 | 0.086 |
| PL3M | 0.004 | 0.378 | -0.007 |
| **TOTAL CASES** | | **598,973** | **585,696** |
| **DEATHS** | | **12,993** | **13,186** |
| **Mortality** | **Average Case** | **1.2%** | **1.2%** |
| | **Observed** | **2.2%** | **2.3%** |
| **Interhospital Variance** | | **0.00003** | **0.00004** |
| **MODEL CHISQ** | | **18,431** | **18,616** |

## Table 4.13

| Diagnostic Category: PULMONARY DISEASE (PN) | | | |
|---|---|---|---|
| VARIABLES | | Coefficients | |
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -2.430 | -2.601 |
| RAG | 1.191 | -1.642 | -1.152 |
| RAGSQ | 1.418 | 1.983 | 1.708 |
| SEX | 0.509 | -0.340 | -0.335 |
| DI | 0.055 | 0.096 | 0.104 |
| OP | 0.261 | -0.300 | -0.302 |
| CA | 0.084 | 1.063 | 1.070 |
| LV | 0.007 | 0.848 | 0.649 |
| RN | 0.031 | 0.974 | 0.849 |
| CE | 0.051 | 0.046 | 0.028 |
| HY | 0.020 | -0.306 | -0.299 |
| CV | 0.386 | 0.382 | 0.388 |
| PH1 | 0.162 | 0.708 | 0.682 |
| PH2 | 0.038 | 1.017 | 0.961 |
| PH3M | 0.012 | 1.235 | 1.227 |
| PU1 | 0.134 | 0.547 | 0.530 |
| PU2 | 0.028 | 0.852 | 0.818 |
| PU3M | 0.010 | 1.066 | 1.055 |
| TRIN | 0.008 | 0.194 | 0.133 |
| PL1 | 0.095 | 0.226 | 0.234 |
| PL2 | 0.014 | 0.186 | 0.266 |
| PL3M | 0.003 | 0.357 | 0.288 |
| TOTAL CASES | | 338,897 | 339,986 |
| DEATHS | | 86,566 | 87,977 |
| Mortality | Average Case | 22.3% | 22.6% |
| | Observed | 25.5% | 25.9% |
| Interhospital Variance | | 0.00078 | 0.00072 |
| MODEL CHISQ | | 40,378 | 38,547 |

## Table 4.14

Diagnostic Category: RENAL FAILURE(RN)

| VARIABLES | | Coefficients | |
|---|---|---|---|
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -5.368 | -4.716 |
| RAG | 1.112 | 4.038 | 2.488 |
| RAGSQ | 1.237 | -0.173 | 0.572 |
| SEX | 0.493 | -0.152 | -0.132 |
| DI | 0.117 | 0.117 | 0.118 |
| OP | 0.061 | 0.194 | 0.230 |
| CA | 0.087 | 1.024 | 0.946 |
| LV | 0.014 | 1.524 | 1.263 |
| RN | 0.137 | -0.097 | -0.069 |
| CE | 0.026 | -0.152 | -0.011 |
| HY | 0.088 | -0.406 | -0.345 |
| CV | 0.349 | 0.611 | 0.642 |
| PH1 | 0.224 | 0.384 | 0.377 |
| PH2 | 0.058 | 0.677 | 0.651 |
| PH3M | 0.022 | 0.857 | 1.037 |
| PU1 | 0.189 | 0.321 | 0.324 |
| PU2 | 0.049 | 0.664 | 0.416 |
| PU3M | 0.021 | 0.792 | 0.794 |
| TRIN | 0.054 | 0.166 | 0.181 |
| PL1 | 0.135 | 0.123 | 0.192 |
| PL2 | 0.023 | 0.418 | 0.319 |
| PL3M | 0.004 | 0.615 | 0.462 |
| TOTAL CASES | | 34,173 | 33,325 |
| DEATHS | | 13,299 | 12,531 |
| Mortality | Average Case | 35.9% | 33.0% |
| | Observed | 38.9% | 37.6% |
| Interhospital Variance | | 0.01353 | 0.01217 |
| MODEL CHISQ | | 6,793 | 6,125 |

Table 4.15

| Diagnostic Category: INFECTIOUS DISEASE(SE) | | | |
|---|---|---|---|
| VARIABLES | | Coefficients | |
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -1.963 | -2.265 |
| RAG | 1.185 | -0.879 | -0.228 |
| RAGSQ | 1.404 | 1.327 | 0.967 |
| SEX | 0.578 | -0.136 | -0.120 |
| DI | 0.098 | -0.010 | -0.007 |
| OP | 0.073 | -0.051 | -0.053 |
| CA | 0.128 | 0.742 | 0.737 |
| LV | 0.016 | 0.956 | 0.976 |
| RN | 0.065 | 0.883 | 0.750 |
| CE | 0.041 | -0.269 | -0.324 |
| HY | 0.016 | -0.376 | -0.318 |
| CV | 0.267 | 0.513 | 0.517 |
| PH1 | 0.184 | 0.589 | 0.563 |
| PH2 | 0.045 | 0.766 | 0.731 |
| PH3M | 0.014 | 1.043 | 0.960 |
| PU1 | 0.183 | 0.375 | 0.413 |
| PU2 | 0.046 | 0.628 | 0.620 |
| PU3M | 0.019 | 0.840 | 0.796 |
| TRIN | 0.011 | 0.425 | 0.446 |
| PL1 | 0.124 | 0.127 | 0.149 |
| PL2 | 0.019 | 0.229 | 0.233 |
| PL3M | 0.003 | 0.422 | 0.250 |
| TOTAL CASES | | 73,283 | 77,856 |
| DEATHS | | 26,783 | 27,664 |
| Mortality | Average Case | 34.5% | 33.7% |
| | Observed | 36.5% | 35.5% |
| Interhospital Variance | | 0.00195 | 0.00168 |
| MODEL CHISQ | | 7,093 | 6,964 |

Table 4.16

Diagnostic Category: **SEVERE TRAUMA(TR)**

| VARIABLES | | Coefficients | |
|---|---|---|---|
| | | **1986** | **1987** |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -1.219 | -1.498 |
| RAG | 1.161 | -1.628 | -1.358 |
| RAGSQ | 1.348 | 1.514 | 1.460 |
| SEX | 0.479 | -0.238 | -0.244 |
| DI | 0.039 | 0.198 | -0.063 |
| OP | 0.075 | -0.372 | -0.249 |
| CA | 0.033 | 1.108 | 0.821 |
| LV | 0.008 | 1.123 | 1.158 |
| RN | 0.013 | 1.190 | 1.110 |
| CE | 0.048 | -0.969 | -0.488 |
| HY | 0.015 | -0.522 | -0.172 |
| CV | 0.246 | 0.586 | 0.575 |
| PH1 | 0.119 | 0.037 | 0.109 |
| PH2 | 0.015 | 0.440 | 0.381 |
| PH3M | 0.003 | 0.790 | 0.924 |
| PU1 | 0.092 | 0.113 | 0.213 |
| PU2 | 0.014 | 0.237 | 0.401 |
| PU3M | 0.004 | 0.869 | 0.810 |
| TRIN | 0.051 | -0.180 | -0.172 |
| PL1 | 0.096 | -0.038 | -0.026 |
| PL2 | 0.013 | 0.308 | -0.234 |
| PL3M | 0.003 | -0.608 | 0.252 |
| TOTAL CASES | | 11,730 | 11,777 |
| DEATHS | | 3,326 | 3,306 |
| Mortality | Average Case | 26.3% | 26.1% |
| | Observed | 28.4% | 28.1% |
| Interhospital Variance | | 0.00348 | 0.00303 |
| MODEL CHISQ | | 688 | 621 |

## Table 4.17

Diagnostic Category: ALL OTHER DISEASES (UN)

| VARIABLES | | Coefficients | |
|---|---|---|---|
| | | 1986 | 1987 |
| Names | 1987 Average Case | | |
| INTERCEPT | 1 | -3.699 | -3.526 |
| RAG | 1.136 | -2.133 | -2.457 |
| RAGSQ | 1.290 | 2.307 | 2.435 |
| SEX | 0.581 | -0.321 | -0.293 |
| DI | 0.061 | 0.156 | 0.169 |
| OP | 0.122 | 0.249 | 0.240 |
| CA | 0.086 | 1.191 | 1.174 |
| LV | 0.008 | 1.442 | 1.429 |
| RN | 0.028 | 1.094 | 1.066 |
| CE | 0.032 | 0.009 | 0.019 |
| HY | 0.022 | -0.219 | -0.222 |
| CV | 0.275 | 0.678 | 0.660 |
| PH1 | 0.081 | 0.886 | 0.918 |
| PH2 | 0.014 | 1.335 | 1.327 |
| PH3M | 0.004 | 1.661 | 1.623 |
| PU1 | 0.148 | 0.491 | 0.483 |
| PU2 | 0.034 | 0.806 | 0.752 |
| PU3M | 0.018 | 0.853 | 0.736 |
| TRIN | 0.012 | 0.472 | 0.423 |
| PL1 | 0.104 | 0.109 | 0.115 |
| PL2 | 0.016 | 0.138 | 0.107 |
| PL3M | 0.003 | 0.079 | 0.086 |
| **TOTAL CASES** | | **2,229,542** | **2,200,419** |
| **DEATHS** | | **190,843** | **187,048** |
| **Mortality** | **Average Case** | **6.1%** | **6.0%** |
| | **Observed** | **8.6%** | **8.5%** |
| **Interhospital Variance** | | **0.00008** | **0.00007** |
| **MODEL CHISQ** | | **150,640** | **144,234** |

☆ U.S. GOVERNMENT PRINTING OFFICE: 1988—225-681/0

[illegible]

CMS LIBRARY
3 8095 00015191 6

HCFA Pub. No. 00652